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U. S. DEPARTMENT OF COMMERCE  
LEWIS L. STRAUSS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY

JANUARY 1959  
Volume LIV No. 1



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KENTUCKY - JANUARY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 72° on the 22+ at 5 stations

Lowest Temperature: -8° on the 6+ at 3 stations

Greatest Total Precipitation: 7.89 inches at Dundee Barretts Ford

Least Total Precipitation: 2.60 inches at Freeburn

Greatest One-Day Precipitation: 4.20 inches on the 22nd at Dundee Barretts Ford

Greatest Reported Total Snowfall: 13.0 inches at Benham

Greatest Reported Depth of Snow on Ground: 5 inches on the 27th at Grant Dam 38

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.



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# CLIMATOLOGICAL DATA

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Temperature											Precipitation															
Station	Annual			Seasonal Range High-Low	Range	Date	Days	Date	Range	No. Days			Total	Max	Min	Date	Total	Max	Min	Date						
	Average	High	Low							Max	Min															
WESTERN																										
BEAVER DAM	45.0M	23.6M	34.1M		66	21+	1	5	945	0	6	22	0	5.64			2.56	21	0		5	3	2			
BENTON 2	45.7	22.4	34.1		69	21	-2	5	950	0	6	24	1	5.27			2.39	21			5	3	2			
FORDS FERRY DAM 50	41.1	24.1	33.1		67	21	0	5	983	0	6	24	1	5.21	.52		2.02	21	.6	1	28+	6	4	2		
GOLDEN POND 8 N	46.0	21.8	33.9		70	21	-8	5	958	0	4	24	2	4.30			1.38	21+			6	3	2			
GREENVILLE 2 W	45.2	23.9	34.6	-2.9	68	21	-3	5	938	0	5	22	1	4.77	-.33		2.08	21	.6	0		6	3	2		
HENDERSON 4 SW	43.1	22.5	32.8	-4.7	65	21	-3	5	988	0	6	24	1	6.95	.04		3.06	21	2.5	1	5+	6	3	2		
HICKMAN 1 E	44.2M	23.4M	33.8M		70	21	0	5	959	0	5	22	1	5.20			1.50	21			8	4	2			
HOPKINSVILLE	44.9	21.8	33.4	-4.7	69	21	-2	5	973	0	6	22	2	5.09	-.37		2.06	22	T	0		8	2	2		
LOVELACEVILLE	45.2	21.3	34.3	-3.8	67	21	-3	5	944	0	5	23	1	5.59	.55		2.57	21			5	3	3			
MADISONVILLE 1 SE	44.6	22.8	33.7		68	21	-2	5	961	0	6	24	1	5.20			1.51	20	T	0		7	4	2		
MAYFIELD	44.6	24.8	34.7		67	21	0	5	932	0	5	23	1	5.53			1.61	21								
MURRAY	45.3	25.3	35.3	-3.6	69	21	0	5	913	0	6	22	1				1.08	21	1.0	1	4	5	4	1		
OWENSBORO 2 W	42.7	23.0	32.9	-3.7	64	21	0	5	988	0	6	23	1	7.53	2.71		2.92	21	1.6	1	28+	7	5	3		
PADUCAH FAA AIRPORT	43.0	22.9	33.0		67	21	-1	5	987	0	7	24	1	5.72			2.49	20	T	T	27+	6	4	2		
PADUCAH	45.3	22.3	33.8		67	29	-4	5	961	0	5	24	2	5.42	.42		2.10	21	T	0		4	3	3		
PRINCETON	46.5M	22.0M	34.3M	-3.9	65	29	-3	5	946	0	3	25	1	5.63	.43		2.80	21	1.0	1	3	7	3	2		
RUSSELLVILLE	45.9	23.5	34.7	-2.7	70	29+	-2	5	932	0	5	24	1	0			2.38	22			8	5	4			
DIVISION				33.9	-3.8									5.54	.44				.7							
CENTRAL																										
ANCHORAGE	42.7	20.3	31.5	-3.3	65	21	-6	5	1031	0	7	24	1	5.36	.86		1.72	20	.7	T	28+	5	4	2		
BARSTOWN 5 J PREP SCH	45.0M	23.3M	34.2M		69	21	-4	5	946	0	4	22	1				1.60	20	.7	0			4	2		
BONNIEVILLE	45.0	22.7	33.9		71	21	-5	5	957	0	3	21	2	5.63			2.30	21	1.0	0			7	4	2	
BOWLING GREEN FAA AP	44.4	23.0	33.7	-5.0	70	21	-2	5	960	0	6	24	1	5.62	-.20		2.96	21	T	T	15+	8	3	1		
CAMPBELLVILLE	45.5	23.9	34.7		69	21	-3	5	932	0	6	22	1	3.96			1.10	20	2.8	1	18+	7	3	1		
CLERMONT 1 SSE	45.1	21.7	33.4		66	21	-7	5	972	0	4	21	3	5.45			2.56	21		0			6	4	1	
ELIZABETHTOWN	44.3	21.0	32.7		68	21	-4	5	995	0	4	22	1	4.83			1.63	21	1.6	T	27+	7	3	2		
GLASGOW WKAY	45.8	22.9	34.4		72	21	-4	5	942	0	5	22	1	6.19			2.91	21	3.0	1	9+	6	3	2		
GREENSBURG	44.7	20.3	32.5	-5.1	69	22	-3	6+	1001	0	6	23	2	4.93	-.54		1.09	20	3.0	1	27+	9	4	1		
IRVINGTON	43.9	22.3	33.1	-3.6	65	21	-5	5	979	0	6	23	2	6.42	1.83		2.41	21	2.0	1	4	6	4	2		
LEITCHFIELD	43.9	24.0	34.0	-3.4	68	21	-3	5	953	0	4	23	1	4.96	-.65		1.41	20	T	T	27+	7	4	2		
LOUISVILLE	44.5	24.1	34.3		67	21	-1	5	944	0	3	21	1	5.95			2.15	21				5	4	2		
LOUISVILLE WB AP	42.4	22.5	32.5	-2.4	66	21	-2	5	1001	0	6	23	1	5.51	1.41		2.15	21	1.5	1	27	7	3	2		
MAMMOTH CAVE PARK	43.9	22.7	33.3		70	21	-2	6+	979	0	6	21	4	5.64			2.27	21	4.6	4	8	7	4	1		
ST JOHN BETHLEHEM ACAD	41.8	20.7	31.3	-4.7	64	15	-3	5	1039	0	6	24	2	4.13	-1.41		1.40	20	T	0						
SCOTTSVILLE	46.4	24.4	35.4		72	21	-3	5	909	0	3	23	1	5.49			2.00	21	T	0		8	3	2		
SUMMER SHADE	45.6	22.3	34.0		68	21	-2	5	955	0	5	22	2	4.63			1.38	15	1.5	1	22+	8	4	2		
WOLF CREEK DAM	46.4	21.0	33.7		72	22	-3	6	961	0	6	22	2	4.09			1.06	16				8	3	1		
DIVISION				33.5	-3.5									5.22	-.06				1.5							
BLUE GRASS																										
BEREA COLLEGE	45.5	24.5	35.0	-3.2	70	21	-6	6	923	0	6	22	1	3.79	-1.29		.97	15	4.0			7	3	0		
CARROLLTON LOCK 1	42.4	21.0	31.7		67	21	-5	5	1027	0	7	24	2	5.21	1.18		1.36	22				7	5	2		
COVINGTON WB AIRPORT	39.2	19.4	29.3	-2.5	66	21	-6	5	1102	0	10	28	3	7.61	4.21		3.97	21	8.0	4	27	6	5	2		
CYNTHIANA 2	40.5	18.1	29.3		69	22	-6	18+	1097	0	9	26	5	5.45			1.45	21		1	27+	8	5	2		
DANVILLE	41.5	21.1	31.3		67	22	-3	6+	1035	0	7	23	2	4.78	-.50		1.10	22	6.9	4	17+	8	5	2		
DIX DAM	44.6	23.7	34.2		69	21	-5	5	951	0	5	21	1				1.17	20				7	2	1		
FALMOUTH	43.1	20.1	31.6		70	21	-5	5	1027	0	7	25	3	5.68	1.66		1.46	22	2.0	2	27	8	5	2		
FARMERS	45.5	21.7	33.6	-3.2	71	21	-4	5	962	0	6	22	4	4.23	-.45		1.08	22	3.5	3	18+	8	4	1		
FLEMINGSBURG 2	42.0	20.4	31.2		69	21	-8	5	1040	0	7	22	4	5.55			1.53	21				7	4	2		
FRANKFORT LOCK 4	41.5	19.9	30.7	-5.9	68	22	-3	6+	1057	0	7	23	4	5.42	.92		1.44	21	.8	T	28+	6	5	2		
LEXINGTON WB AIRPORT	40.6	21.5	31.1	-2.8	67	21	-4	5	1043	0	9	23	3	4.86	.36		1.37	21	3.3	2	18+	7	4	3		
MAYSVILLE DAM 33	40.8	18.5	29.7	-6.0	70	22	-4	6+	1088	0	11	27	5	5.14	.80		1.25	22		2	19+	7	5	2		
MOUNT STERLING	44.6	21.5	33.1		67	21	-7	5	984	0	5	22	1	5.65	.81		1.18	21				12	5	2		
RICHMOND	41.7	20.9	31.3		70	22	-5	6+	1036	0	7	23	3	4.13			.98	20	6.3	3	17+	8	4	0		
SHELBYVILLE 2 W	43.5	21.5	32.5	-3.4	62	21	-6	5	998	0	6	22	2	5.33	.26		1.29	21	2.1	1	17+	8	5	2		
WILLIAMSTOWN 5 WSW				39.5	16.8	28.2	-7.2	67	22	-8	6	1129	0	10	27	5	5.20	.77	1.41	21	4.0	3	27	8	5	2
DIVISION				31.5	-4.9									5.20	.37				4.1							
EASTERN																										
ASHLAND DAM 29	44.0	23.6	33.8	-3.9	70	21	-2	5	958	0	6	22	1	4.02	.09		.96	16		1	18+	8	4	0		
BARBOURVILLE	49.6	22.6	36.1		70	21	-4	18	888	0	4	20	3	4.06			.92	22				8	4	0		
BAXTER	43.6	20.8	32.2		64	22	0	6+	1008	0	7	23	2	4.48			2.30	22		4	17	8	3	1		
BENHAM	43.2	18.6	30.9		64	22	-3	6+	1049	0	7	23	5	4.81			2.36	22	13.0	4	10+	7	3	1		
BLAINE	46.5	20.4	33.5		70	21	-3	18+	970	0	6	24	4	2.73			.60	15	4.0	1	16	7	2	0		
DEWEY DAM	44.7	21.1	32.9		71	22	-1	5	985	0	8	22	2	3.50			1.33	22	4.0	2	18+	8	3	1		
GRAYSON																										
HEIDELBERG LOCK 14	46.8	20.4	33.6		70	21	-4	5	965	0	5	22	5	3.66	1.10		.83	20+	5.0	2	10+	9	3	0		
HINDMAN SETTLEMENT SCH	42.3	18.9	30.6		68	22	-3	11+	1060	0	8	22	4	4.30			1.75	22				10	2	1		
INE																										



# CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY  
JANUARY 1959

Station		Temperature												Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
											32° or Above	32° or Below	64° or Below	64° or Below											
PIKEVILLE	AM AM	47.0	25.9	36.5		71	21	3	5	878	0	4	18	0	2.94	-.79	.96	21	2.6	1	17+	5	1	0	
SOMERSET 1 N		46.5	24.6	34.1		69	21	1	5	951	0	5	22	1	3.96		1.00	15	1.5	1	9+	5	1	0	
VANCEBURG DAM 32		43.5	24.3	32.4		72	21	1	3	5	1005	0	6	24	3	5.14	.89	1.16	22	2.0	2	18+	7	5	1
WEST LIBERTY		41.0	18.2	29.8		70	22	5	6+	1084	0	9	26	5	4.11		1.25	20	6.8			9	5	1	
WILLIAMSBURG 2		46.5	22.3	34.4	- 6.1	66	22+	1	2	943	0	6	22	2	4.06	-.64	1.45	22	2.0			7	3	1	
DIVISION				33.7	- 5.1										4.04	-.55			3.8						

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover from sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SW	16	10.8	46	WSW	21	74	76	67	66	13	4	1	3	1	1	23	-	
LEXINGTON WB AIRPORT	SSW	16	12.8	-	-	-	83	84	73	78	7	6	3	1	3	0	20	-	6.8
LOUISVILLE WB AIRPORT	SW	12	11.3	42	SE	21	76	79	64	67	6	6	4	1	1	1	19	43	6.8

See Reference Notes Following Station Index



# DAILY PRECIPITATION

FINISH  
JANUARY 1950

Station	3	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 4 N	6.99	.44							.05						.03	1.04	.13					.72	2.02	2.11				.10	.14				
ADOLPHUS 1 N	5.40	.55							.10	.18						1.00	.90					.80	1.18	.90				.19					
ALBANY	1.70	.42	.11						.07	.16	.03				.04	.34	.79	.04				.65	.49					.17	.01				
ALLEN	1.68	.18	.16							.91						.65	.10					.59	1.11					.17	.41				
ANCHORAGE	1.16	.96							.04						.43	.91						.04	1.72	1.57				.02		.01			
ARPA 2 NE	5.80	.40							.18	.15					.08	.43	.45					1.25	.14	2.10				.04	.14	.11	.02		
ASHLAND DAM 29	4.02	.10	.18						.06		.01				.05	.50	.96					.57	.14	.76				.18	.04		.02		
BARBOURVILLE	4.06	.29							.05			.02			.05	.50	.30			.15		.06	.31	.80	.92			.09					
BARSTOWN 5 J PREP SCH	-	-							.08					.03	.03	.07						.05	1.60	1.42				.08	.12	.08	.02		
BAXTER	4.48		.10						.05	.55	.04					.10	.75	.10				.79	.20	2.30									
BEAVER DAM	5.84	.38		.03					.01	.03					.07	.92						T	1.50	2.56				.10	.04				
BENHAM	4.81	.15	.10						.03		.45	.09			.02	.05	.75	.07				.53	.12	2.36					.03		.07	.01	
BENTON 2	5.27	.38							.04							.15					.03	1.49	2.30					.01	.08				
BEREA COLLEGE	1.79	.17	.04						.04						.08	.97	.20					.94	.69					.04	.28				
BEREA WATER WORKS	3.89	.24	.15						.05	.01						.29	.95					.94	.04	.65				.24	.09				
BLAINE	2.73	.38							.09						.18	.60	.30					.15	.50	.09				.41			.08		
BLEDGEE 2 SSE	5.63	.68							T	.16					.07	.85						.10	1.24	2.30				.06	.17				
BONKIEVILLE	5.52	.48	.11						.05		.21				.12	.38	.53					.95	1.03	1.25				.21	.10				
BOWLING GREEN	4.51	.44	.05						.05		.09				.07	.26	.61					.89	.64	.97					.24	.17			
BOWLING GREEN SUBSTA																																	
BOWLING GREEN FAA AP	5.62	.21							.01	.27					.11	.79	.01				.51	.45	2.96					.09	.20		.01		
BRENT DAM 36	5.45	.68	.17						.01						T	1.07	.26					.51	1.31	1.23				.04	.12				
BROWNVILLE LOCK 6	4.76	.63							.03	.33					.02	.43	.46					1.09	.70	.91									
BURDINE 2 NE	-	-								.30	.05	.05				.60						.40	1.30					-	-				
BURKESVILLE	3.94	.43	.04							.11	.33				T	.47	.63	.03				.81	.08	.81				T	.20				
CADIZ LOCK E	4.00	.37							.04						.05	.50	.29					1.10	.34	.68				.33	.04				
CALHOUN LOCK 2	6.03	.59								.06	.01				.09	.48	.31					.97	2.02	1.33				.05	.09		.03		
CAMPBELLSVILLE	3.96	.48							.01						.01	.91	.10					.02	1.10	.80	.01			.01	.33				
CANBYVILLE	4.57	.47							.06		.14				.06	.42	.36					1.44	.44	.86				T	.25				
CARROLLTON LOCK 1	5.21	.67							.03						.90	.28						.70	1.03	1.36				.16			.03		
CLAY CITY 1 NW	3.50	.40	.12							.06					T	.80	.82					.80	.10	.40									
CLERMONT 1 SSE	5.45	.54							.05						.12	.92						.96	2.56	.01				.02	.21		.02		
COBB	4.08	.43								.12	.04				.06	.52	.24					1.36	.37	.70				.24					
COLLEGE HILL LOCK 11	3.28	.33	.15						T	.05	T				T	.30	.89					.95	.06	.37						.08			
COVINGTON WB AIRPORT	7.61	.60							.03						.70	.63						.08	1.31	3.97				T	.03	.17		.09	
CUMBERLAND FALLS ST PK	-	.26							.03		.48				.09	-	-			.05		.30	.51	.43				.07					
CYNTHIANA	5.43	.63	.15						T	.03					T	.76	.57					.83	1.30	.97				.04	.02		.02		
CYNTHIANA 2	5.45	.82	.06						.05	.05	.17				.07	.66	.40					1.04	1.45	.58				.10				.04	
OAKVILLE	4.78	.55	.06						.03	.01	.04	.12			T	.30	.75	.05				1.08	.52	1.10				T	.10	.03	.04		
DELPHIA 1 E	3.74															.72						.91	.11	2.00									
DEWEY DAM	3.50	.10	.16						T	.03	.10					.08	.66	.02				.65	.02	1.33				.15	.20				
DIX DAM	-	.48							.05						T	.51		.66	.02			1.17	.49	.57				.15					
DUDEE BARRETT'S FORD BR	7.89	.41							.03		.05	.01			.10	.65	.27					1.41	.56	.42				.20					
DUMORR	-	-							.30		.21				.06	.34	.28					1.34	.22	-				.10	.06	.34			
EDDYVILLE LOCK F	5.36	.38							T	.08					.12	.58	.15					1.32	1.52	1.00				T	.17	.04			
EDMONTON	4.97	.45	.10							.07	.25				.85	.65						1.15	.35	.75				.25	.10				
ELIZABETHTOWN	4.83	.19							.15	T					.25	.90	.12					1.43	1.63					.07	.09				
ELKHORN CITY	4.17	.40	.20						T	.12					.15	.18	.32	.16				-	.14	1.20				.25	.12				
ELKTON 2 S	5.68	.62	.17						.04						.04	.52	.45					.89	.47	.76				.12					
FALMOUTH	5.68	.62	.17						T	.03	.03				.02	.86	.69					.45	1.14	1.46				.12		.02	.03		
FARMERS	4.23	.32	.25						.02	T					T	.65	.70					.77	.17	1.08				T	.18	.03			
FLEMINGSBURG	5.44	.91	.02						.02	.02					.20	.85	.59	.03				.87	1.57					T	.07		.04	.03	
FLEMINGSBURG 2	5.55	.77	.02						.03						.45	.91	.25					1.39	1.53					.05	.11				
FORD LOCK 10	4.42	.42	.37						T						T	.57	.78					.82	.49	.76				.05	.09	.07			
FORDS FERRY DAM 50	5.21	.48							.01	.01	T				.02	.86	.04					1.00	2.02	.58				.05	.10		.02		
FRANKFORT LOCK 4	5.42	.68							.05	T					.02	.66	.52	.4															



# DAILY PRECIPITATION

KENTUCKY  
JANUARY 1959

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DANEY	7.15	.39			.10				.14	.16					.12	.96	.14				1.72	2.40	.80				.05	.17				
DNEIDA	4.50								.28	.52					.15	.90					.51	.06	1.40				.15					
DONEONTA OAM 35	5.16	.60	.31			T								T	1.22	.29	.29	.03	.01		.50	1.12	1.01				T	.05	.09	T	T	.02
DWENSDRO 2 W	7.53	.73					.03								.04	1.05					1.33	2.92	.98				.05	.30				
DWENSDRO OAM 46	7.36	.74					T		.10						.04	1.00	.12				.79	1.85	2.55				.01	.13				.04
PAUCAH FAA AIRPORT	5.72	.05		.02					.12						.14	.90					.60	2.49	1.31	T			.07	.02	T	T		
PADUCAH	5.42	.41														1.08					1.83	2.10										
PAINTSVILLE	3.27	.12	.17						.04	.02	.01	T			.05		.17	.01			.80	.10	1.13	T				.50	.15			
PIKEVILLE	2.94	.12	.02			T	T		.32	.01	.01				T	.21	.45				.01	.31	.96	.25				.01	.26			
PINEVILLE	5.14	T	.14						.09	.58	.02	T			T	T	.05	.88	.03	T		.25	.23	2.85			T	T				.02
PRINCETON	5.63	.24													.09	.81					.04	1.35	2.80				.10	.10				
RAVENNA LDCX 12																.15		1.05	.20		.94		.50					.32	.11			
RICHMOND	4.13	.52	.10			.03	T			.24	.06		T		.05	T	.43	.85	.03		.98	.11	.66				T	.05	.22	T		
ROCHESTER LDCX 3	5.48	.38				.02			.18	.17					.07	.41	.38				1.36	.82	1.52						.17			.02
RUSSELLVILLE		.49							.71	.08						.54	.42				.90	1.36	2.38									.01
RUSSELLVILLE SUBSTA	5.51	.51							.20					.05	.05	.66	.25				.90	1.63	1.03				.23			T		
ST JOHN BETHLEHEM ACAD	4.13	.50							.09						.12		.55				1.40	.67	.65					.05	.10			
SALVISA LDCX 6	5.51	.62	.07			.02			.04	T		T			.02	.53	.52	T			1.12	1.52	.90				.15	T	T			
SALYERSVILLE 2 SE	3.56	.12	.27												.02	.62	.03				.80	.12	1.10				.20	.16				
SCOTTSVILLE	5.49	.43							.29							1.19	.15				.12	.98	2.00				.05	.28				
SEBREE																																
SHAWNEE STEAM PLANT	5.43	.44							.07	.13					.01	.98	.09				1.48	2.12						.10				
SHELBYVILLE 2 W	5.33	.70	.10			.07			.02	.92	.15			.02	.01	.92	.15	.01			.85	1.29	1.03				.12			.02	.02	
SHEPHERDSVILLE		.69	.01			.05			.01						.04	.12					.50	1.50	.86									
SOMERSET 1 N	3.96	.73	.02						.31					T	.14	1.00	.15			.20	.87	.20	.01				.02	.31	T			T
SPRINGFIELD	5.43	.30	.34						.70						.70	.42	T				1.27	1.58	.70				.12					
STEARNS	3.20	.13	.24						.07	.54					.09	.84					.30	.05	.94									
SUMMER SHADE	4.43	.51							.37	T					.10	1.38	T	T		.21	.80	1.03	.05				.03	.15				
SUMMER SHADE SUBSTA	4.69	.45	.10				.01		.13	.30		.02			.02	.78	.74	T			1.02	.20	.72				T	.17	.03	T		
TAYLORSVILLE	5.51	.60	.02			.06									.02	.76	.23	0.02			1.16	1.06	1.50				.08					
TURKEY CREEK SCHOOL	3.79	.34							.21	.03					.07	.59	.22				.96	.23	.63				.02	.39				
TYRONE LDCX 5	5.59	.64	.15			.10	T		.05	T					.02	.44	.58	T			.97	1.02	1.49				.13	T				
UNIONTOWN OAM 49	6.38	.43				.02			.02						T	.92					.74	3.90	.27				.06	.02	T	T		
VALLEY VIEW LDCX 9	3.86	.55	.12			.01	T		.05	T	T	T		T	.02	.58	.50				1.00	.37	.57				T	.09	T			
VANSUREN																																
VANCEBURG DAM 32	5.14	.30	.36			.03			.01						.91	.50					.85	.91	1.16					.07			.04	
WAYNESBURG 7 NE	4.21	.51	.17						.12	.19					.06	.36	.85				.95	.04	.58	T				.13	.25			
WEST LIBERTY	4.41	.17	.35						.28	.62					.28	.62					1.05	.13	.94				T	.30	.20			
WILLIAMSBURG 2	4.06	.04	.19				.03		.10	.55		.02			.03	.06	.97	.04	T		.32	.23	1.45	.01				.02				
WILLIAMSTOWN 5 WSW	5.20	.72	T						.14	T	T			T	.20	1.20	.12	T	T		.76	1.41	.68				T	.11		T	T	
WILLOW LDCX 13	3.86	.14	.26						.05	.07	.10	.05		.03	.15	.72					.97	.18	.84				.18	.12				
WOLF CREEK OAM	4.09	.17	.32						.05	.36					.05	.15	1.06				.82	.04	.83				.21	.03				
WOODSBURY LDCX 4	4.53	.40	.03						.07	.22					.04	.28	.38				1.12	.70	.95				T	.34	T			

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1950.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

✓ Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., C.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters, C, D, R, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Sourly precipitation values are processed for special purposes, and are published later in "Sourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

KENTUCKY  
JANUARY 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	49	47	50	55	15	33	42	35	30	33	42	53	57	60	58	51	18	30	49	58	65	28	32	51	50	47	37	34	58	61	37	42.7
	MIN	17	25	20	5	- 6	1	19	23	10	8	11	24	31	39	31	4	5	1	27	15	28	8	15	18	15	35	24	18	33	17	27	20.3
ASHLAND OAM 29	MAX	49	42	55	44	16	25	43	36	28	31	18	50	54	56	55	36	18	27	41	58	70	59	35	53	54	50	38	36	55	60	41	44.0
	MIN	40	34	28	17	- 2	4	17	21	15	14	9	18	33	30	36	9	5	7	19	35	54	16	17	24	32	36	28	31	34	40	32	23.6
BARBOURVILLE	MAX	55	52	50	48	16	44	47	45	32	30	42	54	57	64	62	50	18	34	44	62	70	67	40	50	60	64	56	50	65	64	46	49.6
	MIN	40	32	18	13	- 3	- 1	12	30	18	6	5	16	35	40	48	8	6	- 4	18	35	45	18	14	18	21	40	35	34	30	40	35	22.6
BAROSTOWN S J PREP SCH	MAX			50	47	18	37	43	37	31	35	44	54	58	65	57	39	19	32	45	60	69	39	36	53	50	48	40	29	58	63	41	45.0
	MIN			31	6	- 4	3	25	28	11	9	11	21	37	35	31	4	5	10	29	50	39	17	20	38	39	38	29	34	38	28	23.3	
BAXTER	MAX	54	50	48	57	25	16	38	40	34	25	26	39	41	52	56	52	22	20	33	48	60	64	30	38	51	58	61	45	59	60	55	43.6
	MIN	38	31	21	21	0	0	3	19	18	16	4	4	17	34	38	22	8	1	2	31	47	22	13	13	18	26	38	36	31	35	37	20.8
BEAVER DAM	MAX	50	49	46	28	25	42	45	40	32	33			63	66	59	32	22	35	48	60	66	28	35	53	54	51	39	37	63	62	41	45.0
	MIN	38	24	22	3	1	5	29	26	9	12			42	49	49	6	8	6	30	40	28	8	14	22	35	39	30	25	35	38	29	23.3
BENHAM	MAX	52	51	45	51	21	12	43	41	35	25	28	35	42	52	56	52	16	24	35	51	62	64	27	36	50	56	60	42	53	60	61	43.2
	MIN	33	29	19	14	- 3	- 3	0	18	14	1	3		15	35	37	14	5	- 2	0	35	48	18	13	13	17	20	39	31	31	36	33	18.6
BENTON 2	MAX	40	52	45	24	19	39	40	38	31	38	48	58	65	63	59	31	27	39	49	63	69	28	40	53	56	53	41	36	67	65	40	45.7
	MIN	32	22	19	3	- 2	5	26	31	11	9	14	21	36	53	29	9	5	12	30	37	24	9	13	21	47	39	28	25	34	35	29	22.5
BEREA COLLEGE	MAX	53	50	55	52	16	16	44	41	27	29	40	51	52	62	62	33	19	31	46	60	70	50	38	53	57	55	44	39	63	62	40	45.5
	MIN	45	26	25	11	14	- 6	21	25	10	12	10	24	41	41	32	4	8	3	25	38	50	14	16	27	39	41	29	31	36	38	31	24.5
BLAINE	MAX	53	50	57	52	18	32	44	40	27	25	40	49	57	59	57	44	19	30	41	63	70	62	36	54	56	54	45	46	57	62	41	46.5
	MIN	38	33	16	16	- 2	- 4	8	27	10	10	2	12	27	21	44	10	- 3	- 3	10	33	54	19	12	14	28	37	30	31	32	41	30	20.4
BONNIEVILLE	MAX	50	47	50	38	16	38	42	38	29	33	40	55	63	64	60	33	21	33	43	61	71	35	37	52	52	51	42	38	63	61	39	45.0
	MIN	38	21	18	5	- 5	0	18	28	13	14	18	26	37	44	33	6	6	2	27	40	33	9	14	19	39	39	32	36	36	30	30	22.7
BOWLING GREEN FAA AP	MAX	50	47	50	23	18	38	41	38	30	34	45	57	64	67	55	22	23	36	43	61	70	26	39	53	53	50	40	40	65	60	38	44.4
	MIN	29	24	21	5	- 2	5	29	22	17	15	14	22	42	50	21	9	5	10	35	40	19	11	16	22	29	39	31	32	36	37	29	23.0
CAMPBELLVILLE	MAX	52	48	52	46	18	38	43	38	30	32	40	52	61	65	60	32	20	31	42	59	69	41	36	52	53	51	44	41	63	62	40	45.5
	MIN	38	26	24	7	- 3	5	23	27	10	10	12	26	42	45	32	4	6	3	26	39	41	11	17	25	36	42	29	32	37	38	31	23.9
CARROLLTON LOCK 1	MAX	50	45	49	46	15	30	42	41	29	32	40	52	53	57	52	35	18	27	45	56	67	41	31	50	49	48	34	38	50	52	39	42.4
	MIN	37	28	20	8	- 5	1	25	27	14	11	10	20	30	39	34	5	4	- 1	22	33	41	10	18	19	33	32	24	12	32	38	29	21.0
CLERMONT 1 SSE	MAX	49	47	49	47	18	34	42	40	31	35	44	54	58	63	60	34	18	31	46	60	66	40	35	52	52	50	45	38	58	62	39	45.1
	MIN	39	26	28	6	- 7	- 2	18	30	9	6	10	20	36	42	33	6	4	- 1	27	36	39	9	14	19	41	39	27	22	33	38	27	21.7
COVINGTON WB AIRPORT	MAX	49	43	47	32	11	28	40	36	27	29	40	48	53	54	52	24	14	27	41	56	66	20	25	48	46	42	33	37	56	56	35	39.2
	MIN	35	27	29	- 2	- 6	2	27	20	15	15	12	28	29	41	24	1	2	- 2	27	32	19	9	13	22	37	26	17	14	32	31	24	19.4
CYNTHIANA 2	MAX	46	48	49	52	18	15	34	42	31	29	30	41	53	55	57	49	15	15	37	41	62	69	22	32	50	48	40	36	39	58	44	40.5
	MIN	32	33	24	12	- 6	- 5	2	29	13	12	4	6	26	30	38	5	0	- 6	- 5	36	38	12	11	17	26	25	27	23	31	39	32	18.1
DANVILLE	MAX	50	48	47	52	14	15	39	43	37	28	30	39	51	54	64	50	13	19	38	41	61	67	23	35	51	53	52	34	40	60	40	41.5
	MIN	35	26	25	13	- 3	- 3	4	35	12	10	9	10	30	41	48	5	4	1	2	38	41	12	10	17	31	42	30	28	31	39	31	21.1
DEWEY OAM	MAX	53	57	49	59	24	17	33	47	36	26	26	38	48	59	61	53	21	21	32	44	66	71	31	38	56	62	59	35	40	64	61	44.7
	MIN	36	37	18	22	- 1	1	0	21	14	8	3	14	17	32	40	20	10	6	9	29	40	22	16	15	10	42	35	33	33	58	34	21.6
DIX OAM	MAX	49	46	52	49	14	36	42	41	26	30	38	51	51	62	62	36	16	28	41	59	69	61	35	53	58	53	46	37	53	52	37	44.6
	MIN	41	28	25	14	- 5	4	18	27	12	10	12	25	35	42	35	4	4	3	24	37	51	11	15	23	40	39	28	30	35	38	30	23.7
ELIZABETHTOWN	MAX	49	42	50	44	16	35	42	39	30	33	40	54	60	64	60	35	20	32	44	60	68	33	35	50	50	50	43	35	60	60	40	44.3
	MIN	37	25	19	1	- 4	2	33	29	12	9	10	12	29	30	33	5	4	1	27	38	33	8	15	21	3							



# DAILY TEMPERATURES

KENTUCKY  
JANUARY 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEXINGTON W8 AIRPORT	MAX MIN	48 33	45 29	49 29	33 0	13 -4	31 3	41 29	35 18	27 13	30 13	40 12	50 26	50 39	59 45	52 26	26 4	16 3	27 0	40 27	57 38	67 19	21 11	32 15	49 21	49 38	44 33	35 25	36 27	59 36	60 35	40 24	40.6
LONDON FAA AIRPORT	MAX MIN	48 37	47 25	54 21	45 5	-2 -2	40 2	44 20	38 16	26 10	27 3	38 5	50 19	57 39	62 43	56 29	29 6	19 4	29 -1	42 26	59 40	67 25	28 15	36 14	51 21	56 30	59 40	42 32	43 32	63 32	57 32	42 29	44.2
LOUISVILLE	MAX MIN	50 38	49 30	50 28	38 7	18 -1	35 7	44 28	39 27	33 19	36 14	43 17	55 27	58 39	60 41	60 33	33 6	20 7	31 8	49 29	60 35	67 33	33 9	34 17	52 25	51 39	49 37	39 25	58 24	62 33	40 28	44.5	
LOUISVILLE WB AP	MAX MIN	50 34	48 27	49 24	24 1	15 -2	35 5	43 30	36 22	31 20	33 15	43 15	55 27	59 40	60 46	53 20	20 6	20 8	34 5	48 34	59 36	66 18	23 9	33 19	51 25	51 40	49 32	37 25	61 23	59 35	35 28	42.4	
LOVELACEVILLE	MAX MIN	43 32	53 25	48 19	18 2	18 -3	40 7	38 34	35 31	35 16	37 10	48 15	57 26	63 41	62 52	57 29	29 9	27 8	39 14	49 33	62 35	67 24	27 8	39 14	51 25	56 39	53 27	40 21	65 41	63 34	40 28	45.2	
MADISONVILLE 1 SE	MAX MIN	49 35	49 26	44 22	26 4	17 -2	38 4	41 26	38 28	30 11	35 10	44 15	57 26	64 40	63 49	59 31	32 7	24 9	35 10	48 31	59 36	68 26	27 9	37 15	52 24	54 36	51 38	39 28	36 22	66 34	64 31	44.6	
MAMMOTH CAVE PARK	MAX MIN	53 38	48 21	50 19	10 -2	18 -2	18 -2	41 20	38 26	32 18	31 14	40 16	55 25	62 42	64 50	59 35	35 3	20 10	34 26	59 26	70 39	40 10	35 10	50 20	52 34	51 39	45 29	60 30	62 36	65 42	42 29	43.9	
MANCHESTER 4 SE	MAX MIN	54 42	51 30	51 18	50 16	17 -2	43 0	47 12	45 30	31 12	30 3	43 2	51 16	57 34	62 36	61 42	51 8	22 -3	34 1	41 19	63 35	68 56	60 19	38 13	51 11	60 20	61 40	56 36	45 35	64 42	62 36	48.8	
MAYFIELD	MAX MIN	42 32	52 26	42 21	21 3	17 0	37 10	37 34	39 32	37 17	36 12	46 20	56 32	63 43	64 53	64 28	29 9	26 10	39 12	48 32	62 36	67 23	26 10	39 18	51 38	50 40	42 28	37 28	66 33	63 34	36 29	44.6	
MAYSVILLE OAM 33	MAX MIN	45 27	49 32	45 21	54 20	22 -4	15 -4	29 0	49 29	30 11	29 13	29 8	57 7	51 20	55 32	57 31	51 12	14 4	16 -3	37 -3	42 37	63 36	70 17	25 14	32 18	52 22	50 40	40 38	36 20	60 27	46 34	40.8	
MIDDLESBORO	MAX MIN	50 44	49 26	56 21	51 17	19 0	38 2	41 13	38 33	35 19	43 18	54 9	55 16	55 29	55 41	55 47	50 11	25 9	30 9	41 22	58 37	60 50	62 19	42 14	52 18	58 20	63 42	58 29	57 38	63 20	61 27	50 31	48.8
MONTICELLO	MAX MIN	52 42	50 26	54 26	47 12	16 -4	43 2	46 20	40 28	28 18	30 8	43 23	53 45	60 45	64 42	52 35	45 7	21 7	32 2	43 26	60 41	71 49	52 15	37 12	54 22	58 29	60 44	48 34	46 33	65 33	61 40	43 34	47.5
MOUNT STERLING	MAX MIN	49 40	48 26	49 22	53 10	15 -7	31 1	38 22	35 31	33 13	28 14	40 11	43 23	52 35	58 38	55 33	34 3	19 2	27 21	40 21	59 35	67 39	60 10	40 12	45 21	49 21	40 27	44 30	65 28	59 37	50 31	44.6	
MOUNT VERNON	MAX MIN	50 42	48 30	53 20	43 11	14 -5	38 -1	44 15	38 21	28 10	26 5	39 5	52 20	62 43	59 35	33 3	39 5	19 7	30 0	40 20	59 48	68 15	48 13	33 12	52 26	56 36	54 42	45 34	43 30	62 37	58 38	32 32	44.8
MURRAY	MAX MIN	51 31	52 26	40 22	22 3	19 0	40 8	39 34	40 29	32 17	34 14	45 18	56 30	63 44	62 53	55 29	30 8	26 15	39 34	62 39	69 24	27 9	41 17	54 29	54 36	51 44	51 29	37 29	65 36	60 35	39 32	45.3	
OWENSBORO 2 W	MAX MIN	49 39	48 28	38 27	27 4	18 0	35 6	40 29	35 24	31 16	34 11	44 13	51 26	62 36	61 46	58 32	32 7	22 8	34 8	48 30	57 35	64 25	26 7	33 25	50 35	49 35	46 40	39 27	34 21	60 33	57 37	43.7	
PADUCAH FAA AIRPORT	MAX MIN	40 27	52 28	31 12	14 2	20 -1	38 9	39 34	36 24	32 17	36 12	47 18	55 32	63 44	62 54	56 16	21 9	25 17	37 36	64 36	67 15	25 9	37 15	51 27	53 41	47 31	49 22	65 22	53 31	37 27	43 27	43.0	
PADUCAH	MAX MIN	43 31	53 24	46 18	21 0	20 -4	39 7	39 33	37 28	33 14	36 9	47 11	57 26	64 38	62 53	58 28	30 7	27 13	39 13	50 32	62 19	64 17	27 12	39 26	53 40	54 36	40 26	40 22	67 31	64 33	39 27	45.3	
PIKEVILLE	MAX MIN	56 49	50 35	48 24	40 20	20 3	35 4	40 14	37 29	29 15	26 14	36 5	58 16	53 33	53 37	48 48	48 12	22 11	37 11	66 18	71 36	63 25	40 17	58 19	61 26	61 35	49 35	44 35	63 38	60 44	44 37	47.0	
PRINCETON	MAX MIN	50 32	51 19	45 18	30 3	23 -3	38 4	40 23	38 30	34 12	39 8	46 14	60 20	64 31	61 47	51 31	36 7	28 4	37 9	49 30	62 37	62 25	34 9	54 20	58 39	50 40	40 28	35 26	65 34	64 36	43 29	46.5	
RICHMONO	MAX MIN	48 34	49 28	46 21	52 14	24 -5	15 -5	38 4	37 34	28 14	30 12	40 11	61 16	49 30	51 35	61 49	49 6	13 5	19 0	36 5	60 36	65 40	70 13	24 12	36 16	52 26	52 37	51 30	34 28	60 31	42 31	41.7	
RUSSELLVILLE	MAX MIN	42 38	49 27	48 22	32 4	18 -2	37 6	44 22	40 28	31 14	35 11	44 15	58 26	65 40	68 48	58 31	33 6	26 8	35 10	45 28	60 38	70 30	32 9	38 16	54 25	55 34	53 40	43 29	40 30	70 32	63 35	38 29	45.9
ST JOHN BETHLEHEM ACO	MAX MIN	49 35	58 25	46 20	46 5	15 -3	15 -2	37 7	42 30	35 14	30 10	33 14	41 20	54 30	61 40	64 41	50 12	18 2	19 5	39 8	45 38	62 40	62 12	23 13	34 14	50 27	50 37	40 27	41 25	50 30	40 29	41.8	
SCOTTSVILLE	MAX MIN	54 38	50 25	54 24	46 7	17 -3	43 4	41 26	39 31	31 14	35 10	46 15	58 29	65 45	70 52	62 34	34 7	23 7	35 8	42 28	60 41	72 33	38 11	39 15	53 27	54 32	55 37	45 32	41 28	52 36	46 32	39 32	46.4
SHELBYVILLE 2 W	MAX MIN	41 39	46 22	49 22	45 6	14 -6	32 1	41 22	40 26	29 11	32 10	41 11	55 25	55 35	58 44	58 33	33 4	17 2	39 -2	45 22	56 36	62 53	59 8	32 15	50 19	48 35	45 36	41 20	54 32	58 37	39 23	43.5	
SOMERSET 1 N	MAX MIN	50 39	48 25	54 19	43 10	16 -5	40 1	45 17	38 20	27 10	30 7	41 8	53 19	58 38	64 40	58 38	48 6	20 2	30 1	58 19	69 37	49 41	51 14	37 13	53 18	56 28	49 40	47 31	64 35	60 37	40 31	46.5	
SUMMER SHADE	MAX MIN	49 35	49 23	53 27	43 9	15 -2	42 5	41 21	39 21	28 8	32 7	43 12	54 21	58 44	65 49	55 28	28 5	21 1	33 4	43 26	63 41	68 24	34 11	37 13	53 23	56 33	54 36	43 27	42 30	65 38	59 37	50 33	45.6
VANCEBURG OAM 32	MAX MIN	47 38	47 29	52 22	44 14	25 -3	1	40 19	42 19	26 12	29 15	35 8	50 18	52 30	58 48	56 48	48 6	14 -1	23 15	43 35	63 35	72 35	60 14	40 16	50 27	49 34	44 26	39 33	49 23	62 31	40 30	43.5	
WEST LIBERTY	MAX MIN	46 28	50 30	46 17	56 15	22 -5	14 -5	31 -1	43 24	31 10	25 7	26 4	39 5	48 17	55 32	60 39	53 11	12 4	12 -2	37 -1	40 35	65 38	70 18	25 14	35 15	53 16	56 						



# SNOWFALL AND SNOW ON GROUND

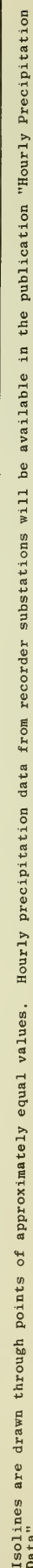
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Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HARDSTOWN S J PREP SCH	SNOWFALL SN ON GND				T											.7																	
BENHAM	SNOWFALL SN ON GND			T	1.0	T				1.5	1.5	T	2	1			5.0	1.0					T	T									
BEREA COLLEGE	SNOWFALL SN ON GND			T	1	1				2.0	2						1.5	2															
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND			T	T				T	T							T	T	T				T										
CAMPBELLSVILLE	SNOWFALL SN ON GND				.3	T			.3	T	T						T	1.0	T	1	1	T		.2							1.0		
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T		T	.3	T	T	T	T	T	T					1.1	.2	1	1	1	1	1.0	.9	T	.2	.1	T				4.2		
CYNTHIANA	SNOWFALL SN ON GND					T			T	T							T	T	T	T			T	T									
OANVILLE	SNOWFALL SN ON GND				.1	T				.6	1	1					4.0	.2						T							.5	1.5	
EDOVILLE LOCK F	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FARMERS	SNOWFALL SN ON GND				T	T	T	T		T	T						2.5	T	T	3	2	T		T	T						1.0		
FORDS FERRY OAM 50	SNOWFALL SN ON GND			.3	T	.3	T										T							T							T		
GEST LOCK 3	SNOWFALL SN ON GND				.5	T											-														1.0		
HAZARD WATER WORKS	SNOWFALL SN ON GND												2				-	-	2														
HEIOELBERG LOCK 14	SNOWFALL SN ON GND									2.2	2	T	1	T			1.3	1	1	1	T			T								1.5	
HENDERSON 4 SW	SNOWFALL SN ON GND			T	.5	1			T								T	T					T	T								2.0	
HOPKINSVILLE	SNOWFALL SN ON GND				T													T														T	
IRVINGTON	SNOWFALL SN ON GND				.5	1	T										T							.5								1.5	
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV				.2	T				T	T						1.7	.5	T	2	.2	2	1	T	T	T	T					.9	
LONDON FAA AIRPORT	SNOWFALL SN ON GND				T				1.0	T	1	1	1				1.0	1.3	T	2		T		T	T							T	
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV			.1	.3	T	T	T		T							T	.1	T				T	T								1.0	
MAMMOTH CAVE PARK	SNOWFALL SN ON GND				T				4.0	4	3	3	1																				.6
MAYSVILLE DAM 33	SNOWFALL SN ON GND				-	T	T	T		T	-	-					-	2	2	2	2		-									-	T
MIOOLESBORO	SNOWFALL SN ON GND					T	T			T	T	T					.8	T	1	1	T			T	T								
MILLERSTOWN	SNOWFALL SN ON GND									1.0	1	1	T																				1.0
MONTICELLO	SNOWFALL SN ON GND				T					1.0	1	.5						T						T									1
MURRAY	SNOWFALL SN ON GND				.5	1											T						.5	T									
OWENSBORO 2 W	SNOWFALL SN ON GND				.3	T	T	T									T							.3	T	T	T						1.0
PAUCAH FAA AIRPORT	SNOWFALL SN ON GND				T	T	T		T								T							T	T								T
PAINTSVILLE	SNOWFALL SN ON GND				T					T	T	T					1.0	.5	1	1	T	T		T	T								T
PIKEVILLE	SNOWFALL SN ON GND				T	T			1.0	1	.5	.1					1.0	1	1					T									T
RUSSELLVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET 1 N	SNOWFALL SN ON GND				T	T			.5	1	1						1.0	T															
SUMMER SHAOE	SNOWFALL SN ON GND				T	T			1.0	1	T						T	T	T				.5	1									
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND				T	T			T	T	T	T					1.0	1	1	T	T	T		T									3.0

See reference notes following Station Index.

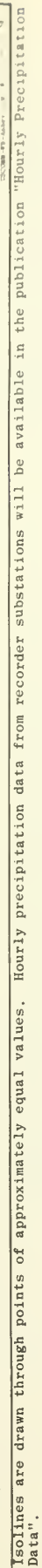


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# STATION INDEX

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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL			
ADOLPHUS DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A				C	CORPS OF ENGINEERS	LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MIO			C	HJ	U.S. WEATHER BUREAU
ADOLPHUS 1 N	0043	ALLEN	3	36 39	86 16	600	7A				C	IDEAL M. DEARING	LIBERTY	4755	CASE	4	37 21	84 55	772	TA			C	PAULLA F. HANLEY	
ALBANY	0063	CLINTON	2	36 43	85 08	960	7A				C	MRS. BARBARA M. COOL	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	560	7A			C	CORPS OF ENGINEERS	
ANCHORAGE	0095	FLOYD	1	37 35	82 43	658	8A				C	NANNIE AUXIER	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A			C	CORPS OF ENGINEERS	
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P				C	C. E. BARRETT	LOGGICK LOCK 1	4882	CLARK	4	37 51	84 02	773	6A			C	HUBERT BURGER	
APIX 2 ME	0185	MUHLBERG	3	37 08	87 19	510	7A				C	SPENCER PROWSE	LONDON 3 W	4693	LAUREL	2	37 08	84 08	1277				C	CITY OF LONDON	
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6P				C	CORPS OF ENGINEERS	LONDON FARM AP	4943	LAUREL	2	37 05	84 08	1191	MIO			C	FED. AVIATION AGENCY	
BARBOURVILLE	0381	KNOW	2	36 52	83 53	1000	6P				C	UNION COLLEGE	LOUISA	4944	LAWRENCE	1	38 07	82 37	582				C	CHARLES F. BRANHAM	
BARSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	6P				C	ST. JOSEPH PREP SCH	LOUISA 2	4946	LAWRENCE	1	38 08	82 36	582				C	HAROLD C. FERGUSON	
BARTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. MONER NOLAN	LOUISVILLE	4948	JEFFERSON	7	38 14	85 46	462	6P			C	LOUISVILLE G. & E. CO	
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	E. G. YOUNG	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558				C	CORPS OF ENGINEERS	
BELHAM	0595	HARLAN	2	36 58	82 57	1585	8A				C	H. C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 40	474	MIO			C	U.S. WEATHER BUREAU	
BENTON	0611	MARSHALL	3	36 51	88 20	395	6P				C	JAMES H. MILLER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A			C	CORPS OF ENGINEERS	
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WCLB	BALLARD	4956	JEFFERSON	7	38 17	85 48	403	6A			C	BLAINE MALONE	
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN	LUCAS	5002	BARRON	3	36 53	86 02	736	6P			C	WILLARD E. FOSTER	
BEREA WATER WORKS	0624	NADISON	4	37 33	84 15	1010	7A				C	MRS. A. ENOCH B. GABBARO	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	TA		C	HOMER WELBORN, JR.	
BLAINE	0752	LAWRENCE	1	38 02	82 10	470	6P				C	A. LAURA WHEELER	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	5P	5P		C	NATIONAL PARK SVC	
BLEDSE 2 SSE	0770	HARLAN	4	36 54	83 20	1870	7A				C	MRS. VIRGINIA NOLAN	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P			C	MORA S. WHITE	
BONNIEVILLE	0854	HART	3	37 23	85 54	702	6P				C	HAROLD WALTERS	MANTONVILLE	5189	BEALL	2	36 37	83 43	1130	5P	TA		C	HAYFIELD ELEC. & WTR	
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS	MATSVILLE DAM 33	5243	MASON	7	38 38	83 42	515	7A			C	CORPS OF ENGINEERS	
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639	MC KEE	5291	JACKSON	2	37 26	84 00	1000	7A			C	MRS. WINNIE W. NORAN	
BOWLING GREEN FA A P	0909	WARREN	3	36 58	86 26	535	MIO				C	FED. AVIATION AGENCY	MC KINNEYSBURG	5301	PENDELTON	5	38 36	84 16	662				C	RICHARD T. STONOR	
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A				C	CORPS OF ENGINEERS	ME	5370	PIKE	1	37 34	82 27	730	5P	TA		C	CHARLES MURRAY	
BROWNSVILLE LOCK 6	1120	PIKE	1	37 13	82 35	1643	8A				C	FLORIDE SKAGGS	NIDOLESBORO	5389	BEALL	2	36 37	83 43	1130	5P	TA		C	LOW L. HERRELL	
BURDINE 2 NE	1256	EDMONSON	1	37 13	82 35	1643	8A				C	EDWIN E. JOHNSON	NIDOLESBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130				C	CITY OF MIDDLESBORO	
BURKESVILLE	1237	CUMBERLAND	2	36 47	85 22	600	7A				C	MARVIN M. LEE	NIDWAY	5407	WOODFORD	4	38 09	84 41	-				C	CITY OF NIDWAY	
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A				C	CORPS OF ENGINEERS	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789	7A			C	DAVID C. BAILEY	
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS	MILLERTOWN	5476	GRAYSON	3	37 27	86 35	584	7A			C	OWA M. LAWLEY	
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	ALVA MC KINLEY	MONTICELLO	5524	WAYNE	2	36 50	84 50	960	6P	TA		C	ALVIN L. BERTRAM	
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.	MOREHEAD STATE COLLEGE	5555	ROWAN	5	38 11	83 26	770	5P	5P		C	INACTIVE 9/57	
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6A				C	CORPS OF ENGINEERS	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P		C	FRED CARTNILL	
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNT	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 20	1137	5P	5P		C	CITY OF MT. VERNON	
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	474	5P				C	BERNHEIM FOUNDATION	MURFORDVILLE 1 N	6033	CAMPBELL	7	38 58	84 18	512	7A			C	EDWARD A. RICHARDSON	
CLINTON	1631	HICKMAN	8	36 41	89 00	390	7A				C	WILLIAM O. FRANKLIN	MURRAY	6094	CALLOWAY	9	36 36	88 20	622	6P	6P		C	MURRAY STATE COLLEGE	
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BENNIE B. WHITE	OLIVE HILL	6012	CARTER	7	38 18	83 11	772				C	EARL R. MADDAI	
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS	OLNEY	6020	HOPKINS	7	37 14	87 47	533	8A			C	MELVIE PARLEE NEISE	
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	86 40	869	MIO				C	U.S. WEATHER BUREAU	ONEIDA	6028	CLAY	4	37 18	83 39	750	7A			C	MRS. ANNA L. BROWN	
CUMBERLAND FALLS ST PK	1969	WHITLEY	8	36 50	84 19	1070	5P				C	RY. DEPT. OF CON.	ONTEONIA DAM 35	6033	CAMPBELL	7	38 58	84 18	512	7A			C	CORPS OF ENGINEERS	
CYNTHIANA 2	1988	HARRISON	5	38 23	84 18	684	7A				C	MARSHALL HILL	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	420	6P	TA		C	CORPS OF ENGINEERS	
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	RY. CARDINAL DAIRY	PAUDACH DAM 46	6096	DAVIESS	7	37 47	87 08	404	6A			C	CORPS OF ENGINEERS	
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	R. P. COLEMAN	PAUDACH FAIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	MIO			C	FED. AVIATION AGENCY	
DAVELLA	2053	MARTIN	1	37 48	82 32	718	8A				C	BALLARD F. WALKER JR	PAUDACH	6115	MC CRACKEN	7	37 06	88 37	342	5P	5P		C	CITY OF PAUDACH	
DELPHIA 1 E	2132	PERRY	8	37 02	83 07	1647	8A				C	HATTIE B. BARNEY	PAUDACH SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325	7A			C	JESSE FAIRCHILD	
DEMA	2139	KNOTT	1	37 25	82 48	780	7A				C	CORPS OF ENGINEERS	PAULINSVILLE	6136	JOHNSON	1	37 49	82 48	620	5P	5P		C	U.S. WEATHER BUREAU	
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	CORPS OF ENGINEERS	PIKEVILLE	6155	PIKE	1	37 29	82 31	686	5P	8P		C	FOLEY PARTIN	
DIX DAM	2214	MERCER	4	37 48	84 43	870	6P				C	PHILLIP O. THACKER	PINEVILLE	6184	BELL	2	36 45	83 42	1002	7A			C	ALTON M. HARVILL	
DUNN	2348	OHIO	3	37 33	86 43	440	7A				C	JESSE L. HUFF	PRINCETON	6185	JOHNSON	1	37 29	82 31	686	5P	5P		C	CORPS OF ENGINEERS	
DUNN	2348	MUHLBERG	3	37 05	87 00	592	7A				C	N. O. GIVENS	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A			C	LAWRENCE ROGERS	
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A				C	LENA BLAIR	RICHMOND	6805	NADISON	4	37 44	84 18	1085	8A			C	THOMAS C. HERNDON	
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	429	7A				C	CORPS OF ENGINEERS	ROCHESTER LOCK 3	6802	OHIO	3	37 13	86 54	401	7A			C	CORPS OF ENGINEERS	
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A				C	JOHN E. NORAN	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	TA		C	WM. B. PORTER	
ELIZABETHTOWN	2510	HARDIN	3	37 43	85 52	739	6P				C	RADIO STATION WEL	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A			C	TVA-683	
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	EDMOND O. BENNETT	SADEVILLE	7074	SCOTT	4	38 23	84 33	793	7A			C	STANLEY GARONER	
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A				C	S. RICHARD ANDERSON	ST JOHN BETHLEHEM ACAD	7091	HARDIN	8	37 42	85 59	777	7A			C	FRANK M. BAUER	
FALMOUTH	2775	PENDLETON	5	38 40	84 20	560	6P																		



1.05  
IKE  
8-1

U. S. DEPARTMENT OF COMMERCE  
LEWIS L. STRAUSS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

FEBRUARY 1959  
Volume LIV No. 2



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KENTUCKY - FEBRUARY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 75° on the 28+ at 3 stations

Lowest Temperature: 1° on the 6th at Hickman 1 E

Greatest Total Precipitation: 5.42 inches at Hickman 1 E

Least Total Precipitation: 1.79 at Louisa 2

Greatest One-Day Precipitation: 2.01 inches on the 10th at  
La Grange 1 SW

Greatest Reported Total Snowfall: 3.6 inches at Heidelberg Lock 14

Greatest Reported Depth of Snow on Ground: 3 inches on the 20+ at  
Mount Sterling



## CLIMATOLOGICAL DATA

KENTUCKY  
FEBRUARY 1959

Station	Temperature													Precipitation															
	Average Maximum	Average Minimum	Average	Deviations From Long Term Means	Highest	Date	Lowest	Date	Degree Days Below Freezing	No. of Days						Total	Deviations From Long Term Means	Greatest Day	Days	Snow Depth			No. of Days						
										Max		Min								Total	Deviations From Long Term Means	Greatest Day	Days	Total	Max. Depth on Ground	Days	10 or More	5 or More	100 or More
										Below 32°	32° to 30°	30° to 28°	28° to 26°	26° to 24°	24° to 22°														
WESTERN																													
BEAVER DAM	51.2	28.1	39.7		71	10	10	21	703	0	3	21	0			2.45		.64	14	.0	0		7	3	0				
BENTON 2	51.9	26.4	39.2		69	27+	3	6	715	0	3	21	0			3.71		1.30	14	1.0	0		10	2	1				
FORDS FERRY DAM 50	49.4	29.1	39.4		71	10	13	19	713	0	3	19	0			1.88	- 1.48	.47	23	.0	0		6	0	0				
GOLDEN POND 8 N	52.6	27.0	39.8		73	10	6	6	700	0	1	20	0			4.46		1.10	14		0		11	3	1				
GREENVILLE 2 W	51.8	28.9	40.4	.8	70	10	10	21+	683	0	2	19	0			2.73	- .96	.68	23		0		5	3	0				
HENDERSON 4 SW	48.6	29.1	38.9	- 1	69	10	12	19	724	0	4	18	0			3.28	- .22	.92	14	T	0		8	2	0				
HICKMAN 1 F	49.9	28.5	39.2		68	10	1	6	716	0	3	21	0			5.42		1.48	14		0		10	4	2				
HOPKINSVILLE	50.7	26.3	38.5	- 1.7	70	10	10	6	733	0	2	24	0			3.19	- .75	.89	23	1.5	2	6		7	3	0			
LOVELACEVILLE	50.9	28.3	39.6	- 1.0	71	10	4	6	705	0	1	19	0			4.41	.18	1.25	14	2.0			10	4	1				
MADISONVILLE 1 SE	51.2	28.8	40.0		69	10	12	21+	692	0	2	19	0			2.67		.92	15	.0	0		6	2	0				
MAYFIELD	51.1	28.6	39.9		72	10	8	6	697	0	2	19	0			3.88		.94	23	1.5	2	6	9	4	0				
MURRAY	51.0	28.7	39.9	- 1.4	71	10	7	6	697	0	3	19	0			4.09	.02	.99	14	1.0	1	5	9	3	0				
OWENSBORO 2 W	49.1	29.7	39.4	.9	71	10	13	19	709	0	4	18	0			2.15	- 1.11	.66	23	.0	0		7	1	0				
PADUCAH FAA AIRPORT	48.4	27.4	37.9		71	10	7	6	753	0	4	22	0			3.68		.89	14	2.0	1	6	9	3	0				
PADUCAH	51.3	28.7	40.0		72	10	8	6	691	0	2	19	0			3.13	- .77	.96	14	1.0	0		6	3	0				
PRINCETON	51.4	26.9	39.2	- .9	70	27+	2	6	719	0	0	20	0			3.85	- .13	1.21	14	T	0		9	2	1				
RUSSELLVILLE	52.3	27.8	40.1	1.2	71	10	11	21+	693	0	2	21	0			3.49	- .64	.97	14	.0	0		7	3	0				
DIVISION			39.5	- .3												3.44	- .40			.7									
CENTRAL																													
ANCHORAGE	49.0	26.1	37.6	1.1	67	10	6	19	760	0	3	19	0			3.25	.35	.92	14	1.5	T	21+	7	2	0				
BARDSTOWN 5 J PREP SCH	51.0	27.9	39.5		67	27	12	21	710	0	3	20	0			3.12		.85	13	T	0		6	3	0				
BONNIEVILLE	51.3	26.1	38.7		69	10	8	21	730	0	3	21	0			2.81		.56	13	.0	0		9	2	0				
BOWLING GREEN FAA AP	51.1	27.3	39.2	- 1.3	70	14+	10	6	718	0	3	21	0			4.20	.17	1.01	13	.1	0		9	4	1				
CAMPBELLSVILLE	52.5	29.8	41.2		70	14	14	21+	661	0	2	18	0			2.65		.71	14	.3	0		6	3	0				
CLERMONT 1 SSE	51.6	27.4	39.5		69	10	9	21	706	0	1	20	0			2.77		.65	14	.0	0		6	3	0				
ELIZABETHTOWN	50.3	26.1	38.2		68	10	11	20	744	0	3	21	0			2.50		.68	23	T	0		5	3	0				
GLASGOW WKAY	51.7	28.9	40.3		69	14	10	21	684	0	3	19	0			4.67		1.47	14	1.0	0		8	3	1				
GREENSBURG	50.8	24.9	37.9	- 1.3	70	15+	10	21	755	0	1	23	0			3.08	- .66	1.02	14	.0	0		6	3	1				
IRVINGTON	50.5	27.6	39.1	.5	69	27+	11	20+	719	0	2	19	0			2.70	- .83	.84	14	.0	0		7	2	0				
LEITCHFIELD	50.4	29.2	39.8	.6	71	27	13	21+	701	0	2	20	0			2.55	- 1.40	.59	23+	T	0		7	2	0				
LOUISVILLE	50.2	30.4	40.3		69	10	13	20+	685	0	3	19	0			3.07		.81	14	T	0		7	3	0				
LOUISVILLE WB AP	49.3	28.5	38.9	1.7	69	27	13	20+	723	0	3	20	0			2.76	- .23	.53	14	T	0		9	3	0				
MAMMOTH CAVE PARK	52.0	27.3	39.7		68	14+	6	21	702	0	2	20	0			3.37		.85	13	.5	0		7	3	0				
ST JOHN BETHLEHEM ACAD	47.6	23.6	35.6	- 2.0	67	10	8	19	815	0	3	24	0			1.81	- 1.96	.35	15	.0	0		6	0	0				
SCOTTSDALE	52.5	30.1	41.3		69	10	12	21	657	0	1	18	0			5.16		1.34	14	.0	0		7	4	3				
SUMMER SHADE	50.6	28.1	39.4		69	11	10	22	711	0	3	20	0			2.50		1.60	15	T	0		8	2	0				
WOLF CREEK DAM	52.6	24.5	38.6		75	28	7	22	732	0	1	22	0			3.36		.73	23	.0	0		6	4	0				
DIVISION			39.2	.4												3.17	- .53			.2									
BLUE GRASS																													
BEREA COLLEGE	54.0	28.7	41.4	2.1	72	10	10	19	654	0	3	19	0			2.07	- 1.57	.58	14		0		6	1	0				
CARROLLTON LOCK 1	49.9	28.2	39.1		69	10	10	20	720	0	3	19	0			2.91	.08	.70	15		0		8	2	0				
COVINGTON WB AIRPORT	46.1	26.1	35.6	1.7	67	10	7	20	815	0	4	19	0			3.18	.63	.56	23+	1.6	1	19	10	2	0				
CYNTHIANA 2	47.3	22.5	34.9		66	11	9	20+	836	0	4	25	0			2.50		.43	23	1.0	1	19	9	0	0				
DANVILLE	48.1	24.8	36.5		69	11	9	20+	792	0	3	23	0			2.09	- 1.67	.60	15	1.4	1	19	6	1	0				
DIX DAM	52.0	28.4	40.2		70	10	10	19	688	0	3	21	0			2.65		.0	0		0								
FALMOUTH	50.6	26.5	38.6		68	10	9	20	736	0	4	19	0			2.78	- .29	.48	15	T	T	19	8	0	0				
FARMERS	53.2	27.1	40.2	2.3	71	10	11	21	687	0	2	19	0			2.27	- 1.19	.69	15	T	T	20+	8	1	0				
FLEMINGSBURG 2	50.0	26.0	38.0		66	27	9	19	748	0	4	19	0			2.71		.69	14	T	0		6	2	0				
FRANKFORT LOCK 4	47.6	24.3	36.0	- 1.9	68	11+	12	20	807	0	3	24	0			2.26	- .88	.57	15	T	0		7	1	0				
LEXINGTON WB AIRPORT	48.1	26.7	37.4	- 1.4	66	10	11	19	766	0	3	20	0			3.18	- .32	.77	14	T	T	19	8	1	0				
MAYSVILLE DAM 33	47.1	23.0	35.1	- 1.4	67	11	10	4	832	0	4	22	0			2.87	- .37	.55	15	.3	T	19	8	1	0				
MOUNT STERLING	51.5	27.7	39.6		69	10	12	19	704	0	2	19	0			3.01	- .40	.80	14	3.5	3	20+	8	2	0				
RICHMOND	48.4	24.4	36.4		71	11	11	20	793	0	3	23	0			2.26		.77	15	1.0	1	19+	6	1	0				
SHELBYVILLE 2 W	50.0	27.3	38.7	1.5	67	10	10	19	732	0	3	19	0			2.34	- 1.16	.53	23	.3	0		7	1	0				
WILLIAMSTOWN 5 WSW	46.8	22.0	34.9	- 1.5	68	11+	7	21+	839	0	5	24	0			2.82	- .43	.56	13	T	T	20+	8	2	0				
DIVISION			37.7	.0												2.62	- .81			.7									
EASTERN																													
ASHLAND DAM 29	51.6	29.7	40.7	2.1	74	10	12	2	677	0	3	17	0			2.30	- .58	.51	15	T	T	19+	7	1	0				
BARBOURVILLE	56.6	28.2	42.4		70	10	8	21	629	0	0	18	0			3.64		1.03	10	.3	0		6	4	1				
BAXTER	51.8	26.5	39.2		68	10	9	22+	717	0	2	22	0			2.84		.60	4	.7	1	19	7	3	0				
BENHAM	51.1	25.2	38.2		67	11	6	22	746	0	2	22	0			2.76		.71	15	2.0	1	19+	8	1	0				
BLAINE	54.1	25.4	39.8		75	10	7	21	702	0	2	20	0			2.08		.45	13	1.0	0		8	0	0				
DEWEY DAM	51.5	24.1	37.8		74	11	8	21	756	0	2	22	0			2.50		.55	4	T	T	6	7	1	0				
GRAYSON																													
HEIDELBERG LOCK 14	55.1	26.3	40.7		73	10	5	21	674	0	1	19	0			2.60	- 1.21	.67	15	3.6	2	6	6	2	0				
HINDMAN SETTLEMENT SCH	50.8	24.2	37.5		70	15	6	21	761	0	2	22	0																



# CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY  
FEBRUARY 1959

Station		Temperature												Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
											90° or Above	32° or Below	32° or Below	60° or Below											
PIKEVILLE	AM AM	56.5	31.6	44.1		73	10	12	21	581	0	0	16	0	1.84	- 1.73	.47	4	T	0		7	0	0	
SOMERSET 1 N		52.1	27.9	40.0		70	10	10	19	691	0	2	18	0	4.37		1.16	14		T	19	7	5	2	
VANCEBURG DAM 32		50.6	28.0	39.3		67	10	11	20+	713	0	3	20	0	3.06	- .15	.50	15	.0	0		8	1	0	
WEST LIBERTY		50.0	22.5	36.3		74	11	8	21	799	0	3	23	0	2.08		.61	15	1.5	1	17+	7	1	0	
WILLIAMSBURG 2		53.9	26.9	40.4	- .7	72	15	10	21	681	0	1	20	0	3.38	- 1.41	.74	15	T	0		6	4	0	
DIVISION				40.1	.4									2.89	- .96			.7							

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	17	10.7	42	SW	10	73	76	58	59	8	3	8	2	0	0	21	-	7.4
LEXINGTON WB AIRPORT	S	16	12.3	-	-	-	79	82	59	67	2	4	7	1	0	0	14	-	6.8
LOUISVILLE WB AIRPORT	NW	14	10.9	37	SE	10	73	77	55	62	3	2	6	3	0	0	14	46	6.8

See Reference Notes Following Station Index



Figure 9

See Reference Notes Following Station Index



# DAILY PRECIPITATION

KENTUCKY  
FEBRUARY 1959

CONTINUED

Station	Fold	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OLNEY	2.80				.26		.07			.09	.36			.41	.42	.47									.72								
ONEIDA	3.34				1.00	.06	T				.11	.10		.22	.12	1.22								.51									
ONEONTA DAM 35	2.86				.33				T	.04	.38	.38		.27	.16	.68			.25	.02	T			.35	T								
OWENSBORO 2 W	2.15				.22					.10	.10			.33	.46	.28								.66									
OWENSBORO DAM 46	2.21				.23						.18	.03		.24	.33	.52								.68									
PAOUCAH FAA AIRPORT	3.68			.16	T	.11			.02	.24	.28	.30		.34	.89			T					.81	.03									
PAOUCAH	3.13				T	.08					.46			.32	.96								T	.56									
PAINTSVILLE	2.57				.36	.07	.05			.04	.27			.30	.60	.49			.16	T	T			.23									
PIKEVILLE	1.84				.47	T	.01			.12				.30	.21	.27			.14	.01	T			.31									
PINEVILLE	3.01				.50	.15	.01			.02	.11			.18	.57	.68			.09	.06	T			.64									
PRINCETON	3.85				.17	.07	T			.35	.16		.18	.37	1.21									.12	.75								
RAVENNA LOCK 12	1.85				.28		T							.18	.50	.55			.06	T				.28									
RICHMOND	2.26				.28		.04			.10	.03			.20	.42	.77			.03	.02				.37									
ROCHESTER LOCK 3	2.49				.23		.03			.03	.13	.04		.34	.51	.45								.73									
RUSSELLVILLE	3.49				.25		.05			.09	.14	.54		.36	.97	.37								.72									
RUSSELLVILLE SUBSTA	3.15			T	.25		T			.27	.34			.34	.94	.23							T	.78									
ST JOHN BETHLEHEM ACAA	1.81				.26					.08	.25			.22	.29	.35			.06					.30									
SALVISA LOCK 6	2.49				.31	T			T	.29				.41	.44	.53			.03	T				.48									
SALYERSVILLE 2 SE	2.33				.57	.04				.37	.27			.37	.55	.22			.11					.20									
SCOTTSVILLE	5.16			.13	.28		.08			.08	1.04		.08	1.05	1.34								.06	.58									
SEBREE		RECORD MISSING																															
SHAMNEE STEAM PLANT	2.72			.12	.06	.08			.03	.26	.14			.52	.58	.20								.73									
SHELBYVILLE 2 W	2.34				.26	.03				.19	.23			.25	.42	.34			.03	.03	.03			.53	T								
SHEPHERDSVILLE										.20	.05			.30	.32	.34			.05					.60									
SOMERSET 1 N	4.37			.07	.60		.03			.03	1.08		.10	.50	1.16	.13					.03			.61	T								
SPRINGFIELD					.35						.16			.25	.52	.32																	
STEARNS	3.46				.55	.06	T				.56			.29	.68	.64			.05	.05	T			.58									
SUMMER SHADE					.20	.26	T			.07	1.48			.15	.36	1.60							.01	.68									
SUMMER SHADE SUBSTA	5.24				.45					.16	1.65			.19	1.34	.73								.70									
TAYLORSVILLE	2.40				.36					.23	T			.40	.25	.48			.08	.05													
TURKEY CREEK SCHOOL	3.60			.02	.25		.07			.17	.27			.49	.82	.52								.99									
TYRONE LOCK 5	2.62				.27					.34	.16			.40	.19	.72			.06	T				.48									
UNIONTOWN DAM 49	2.40				.18				T	.13	.50	T		.25	.35	.36								.63									
VALLEY VIEW LOCK 9	2.11				.28		.01				.17	T		.30	.35	.58			T	T													
VANBUREN		RECORD MISSING																															
VANCEBURG DAM 32	3.06				.37						.32	.43		.44	.46	.50			.16	.04				.34									
WAYNESBURG 7 NE	2.80				.41	T	.06				.08	.37		.22	.64	.61			.03	.03				.35	T								
WEST LIBERTY	2.08				.35	.10	.03				.08	.01		.30	.25	.61			.10	.01				.24									
WILLIAMSBURG 2	3.38				.50	.09	.03				.44			.19	.61	.74			.05	.07				.63									
WILLIAMSTOWN 5 WSW	2.82				.33					T	.41	.19		.56	.26	.34			.22	T				.51	T								
WILLOW LOCK 13	2.23				.29		.10			.05				.21	.52	.67			.05	.01				.33									
WOLF CREEK DAM	3.36				.61	.03	.03			T	.36			.29	.63	.68			T					.73									
WOODBURY LOCK 4	2.86				.21		.04				.32			.24	.95	.38								.72									

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed to a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

/ Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

D Adjusted to a full month.

B Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

B Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., C.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters, C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Bolt Temperature" Table.

B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

PERIOD  
FEBRUARY 1959

Station		Day Of Month																																Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ANCHORAGE	MAX	15	28	44	44	38	40	55	50	61	67	41	57	56	60	48	49	62	50	27	27	44	49	52	49	54	61	66	58				49.0	
	MIN	21	14	16	25	23	16	18	44	41	40	19	24	45	47	29	26	35	27	6	11	12	20	35	23	21	24	33	33				26.1	
ANCHLAND DAM 29	MAX	36	10	55	54	40	40	56	50	65	74	60	64	54	60	52	45	58	52	31	28	45	51	57	46	50	63	63	56				51.6	
	MIN	21	12	17	35	30	25	20	43	38	59	28	24	43	50	33	27	37	30	18	15	16	21	37	36	21	28	32	36				29.7	
BARBOURVILLE	MAX	45	43	58	53	51	50	60	61	64	70	67	68	60	65	68	54	61	60	35	33	44	50	65	56	58	67	65	60				56.6	
	MIN	27	19	24	34	28	20	14	34	35	58	25	22	42	49	16	27	34	32	14	15	8	14	37	32	22	24	30	37				28.7	
BARDSTOWN S J PREP SCH	MAX	17	30	50	44	37	41	57	56	62	64	54	60	57	66	50	49	62	51	29	30	44	48	54	48	56	61	67	63				51.0	
	MIN	23	15	19	28	26	18	23	44	43	54	20	25	45	45	28	26	37	25	13	13	12	22	40	25	27	25	31	34				27.9	
BAXTER	MAX	48	44	40	60	44	50	42	56	55	68	67	49	57	52	63	52	55	59	48	29	32	42	46	62	50	55	60	64				51.8	
	MIN	10	22	22	31	25	25	16	17	38	43	30	26	29	46	38	26	26	35	20	16	9	9	19	35	25	25	26	32				26.5	
BEAVER DAM	MAX	40	30	44	42	37	42	58	57	63	71	55	55	55	63	48	51	67	56	29	29	45	42	53	50	57	64	70	60				51.2	
	MIN	25	18	19	30	23	16	20	44	47	55	20	25	45	48	30	21	38	29	14	15	10	22	36	26	22	27	31	32				28.1	
BENHAM	MAX	51	48	47	56	43	49	40	52	52	66	67	48	55	59	64	56	53	59	46	26	31	42	45	59	48	54	55	59				51.1	
	MIN	26	15	22	28	23	22	13	14	42	52	26	24	35	49	42	24	25	35	15	12	8	6	11	32	23	24	28	30				25.2	
BENTON 2	MAX	18	32	44	43	38	43	59	61	63	65	53	54	59	61	44	52	69	62	32	32	47	46	54	53	56	62	69	61				51.9	
	MIN	27	20	20	30	17	3	13	40	44	53	21	21	47	43	31	23	36	29	13	15	10	21	37	21	21	23	29	32				26.4	
BEREA COLLEGE	MAX	37	31	58	54	43	41	59	59	65	72	65	61	59	71	52	50	64	60	31	30	45	48	60	49	55	62	67	65				54.0	
	MIN	22	14	19	31	29	18	24	35	44	54	25	22	43	50	28	24	40	30	10	12	15	24	38	26	21	29	36	40				28.7	
BLAINE	MAX	15	30	59	55	44	39	55	58	68	75	62	64	69	70	59	49	62	57	33	27	44	49	58	51	55	60	66	63				54.1	
	MIN	20	10	12	34	25	16	13	28	37	60	26	15	43	51	33	21	31	31	16	10	7	13	34	34	15	20	25	30				25.4	
BONNIEVILLE	MAX	38	30	49	45	37	41	56	57	63	69	53	56	56	68	51	50	66	55	29	30	44	43	57	49	57	62	67	57				51.3	
	MIN	25	16	17	31	24	12	11	40	38	53	21	22	45	50	29	20	32	29	14	12	8	18	37	24	20	22	28	34				26.1	
BOWLING GREEN FAA AP	MAX	40	31	47	42	39	43	56	59	67	70	42	55	58	70	43	52	65	52	29	31	45	40	59	50	56	64	66	59				51.1	
	MIN	24	20	25	27	23	10	19	43	43	32	24	24	48	43	27	24	37	22	16	16	13	23	32	28	24	25	36	35				27.3	
CAMPBELLSVILLE	MAX	38	33	53	47	36	43	56	57	61	69	59	58	66	70	51	50	66	59	32	30	43	43	59	50	56	61	66	58				52.5	
	MIN	24	17	23	33	27	15	21	44	45	59	21	27	44	51	30	24	39	30	14	14	14	22	37	27	27	34	45				29.8		
CARROLLTON LOCK 1	MAX	33	26	46	46	40	39	54	53	58	69	55	58	55	59	53	46	60	57	32	27	45	48	52	46	52	60	65	62				49.9	
	MIN	23	13	13	31	27	20	20	43	37	55	24	24	46	50	29	30	36	29	11	10	16	21	36	29	20	26	37	33				28.2	
CLERMONT 1 SSE	MAX	39	35	46	45	37	41	55	56	60	69	60	58	55	62	52	48	62	60	33	30	44	47	53	50	55	61	67	66				51.6	
	MIN	24	15	15	31	26	15	18	47	40	59	18	20	45	51	29	25	35	30	13	13	9	20	37	24	20	24	31	34				27.4	
COVINGTON WB AIRPORT	MAX	26	28	44	38	35	39	52	48	62	67	37	56	52	58	39	46	58	43	20	23	40	46	47	42	49	56	62	53				45.1	
	MIN	16	11	18	26	26	19	25	35	35	28	22	24	45	38	28	29	37	20	9	7	16	23	36	27	25	33	39				26.1		
CYNTHIANA 2	MAX	38	33	29	53	34	37	39	50	55	65	66	40	60	63	60	35	49	62	32	25	27	43	49	55	46	53	60	65				47.3	
	MIN	23	13	12	20	24	17	15	15	21	35	48	20	19	20	45	30	23	26	31	9	12	16	20	26	16	20	30	30				22.5	
DANVILLE	MAX	37	36	30	55	34	35	40	56	56	67	69	40	59	57	67	35	49	61	34	25	29	44	47	55	49	55	61	66				48.1	
	MIN	13	14	14	28	27	17	17	27	42	49	21	21	24	49	28	24	24	33	9	9	13	17	30	27	23	24	30	40				24.8	
DEWEY DAM	MAX	44	40	33	65	41	50	40	59	60	70	74	45	67	58	71	41	51	63	45	28	31	45	45	51	54	49	56	53	58				51.5
	MIN	22	18	11	19	31	26	19	19	41	41	30	19	19	46	39	24	25	34	16	13	8	15	15	38	18	18	22	29				24.1	
DIX DAM	MAX	38	30	53	53	35	40	57	57	57	70	60	58	55	67	57	48	63	60	31	27	44	48	54	47	54	61	66	65				52.0	
	MIN	23	14	20	31	25	18	22	40	45	57	22	26	48	53	28	24	37	29	10	12	13	23	27	26	23	27	32	39				28.4	
ELIZABETHTOWN	MAX	36	32	47	45	37	40	53	55	61	68	55	56	54	65	52	49	65	57	32	29	36	44	50	50	54	60	66	60				50.3	
	MIN	23	15	16	30	24	16	17	40	37	55	19	20	41	50	28	23	34	29	12	11	12	19	36	23	21	22	29	28				26.1	
FALMOUTH	MAX	31	28	51	47	41	40	56	50	58	68	55	61	57	61	53	49	64	55	28	28	45	50	54	45	54	62	65						



# DAILY TEMPERATURES

KENTUCKY  
FEBRUARY 1959

CONTINUED

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEXINGTON WB AIRPORT	MAX MIN	33 17	29 13	52 21	43 25	35 26	38 17	53 25	53 41	63 45	66 29	40 21	59 25	54 44	65 40	40 28	47 24	61 38	46 20	25 11	26 12	41 12	46 25	52 34	48 26	52 26	59 30	64 38	58 35				48.1 26.7
LONDON FAA AIRPORT	MAX MIN	36 23	32 18	53 23	45 31	47 29	39 20	56 19	55 39	65 37	69 37	41 24	57 24	55 44	70 46	46 27	50 23	59 34	49 24	26 12	28 14	42 10	45 18	60 36	48 29	58 25	60 27	62 31	62 40				50.5 27.3
LOUISVILLE	MAX MIN	34 24	30 16	45 21	43 30	38 29	42 23	57 24	53 47	62 43	69 45	45 24	58 27	56 46	59 49	50 29	49 29	64 39	53 30	30 13	29 13	45 17	47 27	53 37	49 30	55 29	62 32	68 43	60 35				50.2 30.4
LOUISVILLE WB AP	MAX MIN	34 21	29 16	46 20	38 30	37 27	42 22	57 24	53 46	67 44	68 29	40 25	57 24	56 48	60 41	41 30	50 29	65 37	47 20	26 13	29 13	45 16	49 24	53 38	50 30	54 26	62 29	69 39	55 36				49.3 28.5
LOVELACEVILLE	MAX MIN	36 25	33 20	42 22	42 30	36 21	44 25	57 20	58 43	65 52	71 45	45 21	47 25	58 46	60 47	47 31	52 25	65 39	57 29	31 14	33 15	45 12	43 24	54 38	53 25	58 25	64 26	67 33	61 35				50.9 28.3
MADISONVILLE 1 SE	MAX MIN	38 26	38 19	44 18	43 30	35 26	41 13	57 22	56 45	62 52	69 60	62 20	54 22	56 46	61 46	47 30	51 24	65 40	60 28	31 12	28 15	45 12	43 24	55 37	50 25	57 23	63 29	67 33	61 35				51.2 28.8
MAMMOTH CAVE PARK	MAX MIN	40 21	32 16	48 19	44 30	36 25	42 12	54 17	57 44	62 47	68 59	59 20	52 25	55 38	68 48	57 27	50 27	66 38	56 29	34 12	31 6	42 19	45 34	57 26	51 20	59 21	61 32	67 40	62 35				52.0 27.3
MANCHESTER 4 SE	MAX MIN	42 27	37 19	59 22	55 34	50 31	45 19	58 15	58 35	65 34	71 59	66 26	60 21	58 43	72 51	61 37	52 23	64 34	56 32	34 16	42 15	44 7	49 16	65 39	50 33	57 21	62 25	67 30	65 39				55.5 28.7
MAYFIELD	MAX MIN	35 20	30 22	42 26	40 23	43 20	42 8	60 20	62 42	65 45	72 48	48 22	48 21	57 42	60 48	48 30	51 26	66 41	56 29	34 14	45 15	46 16	42 27	54 38	57 28	58 24	64 27	67 38	58 34				51.1 28.6
MAYSVILLE DAM 33	MAX MIN	35 22	30 12	29 17	54 10	35 25	37 24	40 16	57 15	50 38	65 38	67 27	40 19	62 19	54 46	60 31	37 28	48 28	60 15	36 15	23 12	27 15	45 18	50 16	55 33	45 18	52 18	60 25	65 33				47.1 23.0
MIDDLESBORO	MAX MIN	47 30	39 23	57 29	51 36	51 32	49 25	56 16	54 42	55 39	69 54	67 29	56 28	67 41	52 49	67 39	54 24	61 36	58 33	33 18	35 19	48 10	46 17	66 37	59 35	56 25	62 24	65 32	65 35				55.2 30.6
MONTICELLO	MAX MIN	38 27	33 19	55 26	47 33	49 27	43 15	60 21	57 46	60 55	71 55	58 24	59 27	56 45	71 51	51 33	53 22	66 35	58 31	30 14	43 15	40 10	45 19	64 34	48 29	56 23	60 24	65 33	67 44				53.4 29.5
MOUNT STERLING	MAX MIN	48 18	43 18	54 18	50 31	34 26	39 17	55 20	54 42	60 45	69 53	57 22	61 45	56 43	60 40	56 28	47 24	63 37	54 27	27 12	26 13	42 13	48 38	50 50	54 26	60 24	65 29	60 35	60 41				51.5 27.7
MOUNT VERNON	MAX MIN	38 23	33 15	54 22	47 32	44 28	39 12	58 19	55 42	63 40	71 58	58 22	60 28	56 43	68 49	50 30	48 20	64 35	56 29	28 10	28 8	42 10	46 18	61 38	47 26	55 20	60 26	66 30	64 45				52.1 27.9
MURRAY	MAX MIN	39 26	31 21	43 25	42 26	38 21	44 7	58 21	60 44	65 50	71 47	47 22	50 25	58 47	57 49	47 30	52 25	69 45	55 30	32 14	31 15	45 14	40 19	55 38	55 21	57 25	62 26	68 35	57 35				51.0 28.7
OWENSBORO 2 W	MAX MIN	37 26	31 19	41 20	40 30	32 26	41 20	56 27	55 44	62 47	71 45	45 21	51 21	55 46	58 47	47 30	50 26	63 37	54 28	28 13	27 14	45 15	42 26	51 36	52 33	53 27	62 31	70 38	56 39				49.1 29.7
PADUCAH FAA AIRPORT	MAX MIN	35 25	29 20	43 23	38 31	32 22	42 7	55 26	60 42	67 52	71 29	41 20	49 24	59 49	60 35	38 27	51 25	64 40	40 20	26 13	30 16	44 15	41 28	52 32	52 28	56 24	63 29	67 35	50 30				48.4 27.4
PADUCAH	MAX MIN	36 25	30 19	43 22	42 29	39 20	42 8	58 22	57 42	65 52	72 50	50 21	47 25	58 46	60 46	47 31	52 25	67 39	61 28	34 13	32 15	46 13	43 25	52 38	53 28	56 26	64 27	67 34	64 35				51.3 28.7
PIKEVILLE	MAX MIN	41 29	35 22	66 25	51 37	48 30	44 28	64 19	60 36	67 41	73 58	68 32	64 22	57 47	72 52	62 39	53 29	65 38	52 33	30 20	34 17	48 12	52 40	66 38	53 24	65 28	67 34	63 38				56.5 31.6	
PRINCETON	MAX MIN	40 26	33 20	42 17	43 30	37 19	42 2	59 18	59 39	63 47	70 49	48 18	48 18	56 46	60 46	46 30	50 22	66 43	56 29	35 12	33 15	49 9	40 30	53 37	55 21	60 22	65 24	70 30	60 33				51.4 26.9
RICHMOND	MAX MIN	38 22	37 14	31 15	54 25	34 16	34 16	39 14	52 25	56 41	66 50	71 22	41 22	61 22	57 48	69 29	39 23	49 25	62 35	35 12	27 11	29 13	43 17	48 30	56 26	48 19	55 21	60 27	65 35				48.4 24.4
RUSSELLVILLE	MAX MIN	41 24	33 18	45 23	44 30	37 25	43 11	58 20	60 45	63 44	71 50	52 22	55 27	57 44	67 41	50 28	52 22	65 40	60 29	31 13	31 14	45 11	40 29	59 35	51 25	58 23	64 24	65 29	68 32				52.3 27.8
ST JOHN BETHLEHEM ACAD	MAX MIN	38 22	35 13	32 14	50 28	35 20	37 14	39 17	55 23	54 41	67 59	62 22	40 20	56 23	58 49	64 27	36 23	48 26	64 31	35 8	28 10	29 10	42 16	48 26	52 23	48 21	54 23	62 30	66 33				47.6 23.6
SCOTTSVILLE	MAX MIN	40 27	36 19	50 26	44 30	40 26	44 14	57 24	60 46	63 50	69 53	55 23	56 30	59 45	68 40	42 31	53 24	66 38	58 33	34 16	31 14	44 12	41 24	61 38	51 27	58 25	64 27	67 38	60 42				52.5 30.1
SHELBYVILLE 2 W	MAX MIN	39 23	30 13	46 12	45 30	38 25	39 12	54 21	54 42	58 41	67 53	57 20	57 22	54 44	61 51	52 28	47 27	61 36	59 29	30 10	27 11	43 13	47 22	51 35	47 25	53 25	60 35	66 35	63 35				50.0 27.3
SOMERSET 1 N	MAX MIN	34 25	33 17	52 24	44 33	47 28	41 12	58 17	56 39	60 33	70 57	62 24	58 25	54 40	69 50	51 33	50 21	65 33	57 10	30 13	30 11	43 11	45 18	63 35	47 28	55 24	60 25	65 31	63 44				52.1 27.9
SUMMER SHADE	MAX MIN	40 31	39 25	39 19	52 27	43 29	39 25	47 12	52 21	58 43	65 40	69 41	42 23	57 28	67 49	47 30	50 28	52 36	57 22	30 19	30 15	30 14	43 22	41 20	60 22	64 24	56 25	61 35	67 35				50.6 28.1
VANCEBURG DAM 32	MAX MIN	35 22	29 11	55 15	55 32	39 29	52 22	54 17	52 38	60 57	67 56	56 26	60 24	60 43	52 45	52 37	47 28	61 36	48 30	30 14	24 11	41 14	48 22	53 35	45 32	49 21	59 26	61 34	61 32				50.6 28.0
WEST LIBERTY	MAX MIN	36 21	35 12	31 13	59 28	35 17	40 20	43 18	58 16	57 39	69 47	47 24	41 17	64 18	57 49	70 33	42 22	49 25	64 35	39 14	25 13	28 8	44 15	52 18	57 31	61 16	64 18	66 21	66 29				50.0 22.5
WILLIAMSBURG 2	MAX MIN	48 36	49 20	48 20	54 35	38 28	52 45	45 19	57 17	59 44	71 57	70 20	48 21	59 31	56 49	72 38	50 23	55 42	62 47	32 13	34 10	46 11	46 20	50 32	66 25	53 25	59 25	64 36	66 36				53.9 28.9
WILLIAMSTOWN 5 WSW	MAX MIN	33 19	28 9	27 9	49 22	37 																											



# SNOWFALL AND SNOW ON GROUND

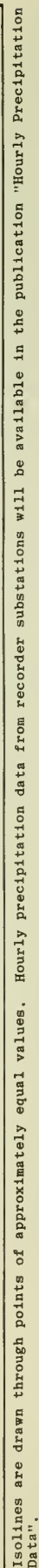
RECEIVED  
FEBRUARY 1959

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HARDSTOWN S J PREP SCH	SNOWFALL SN ON GND																		T	T												
BENHAM	SNOWFALL SN ON GND						1.0 1													1.0 1	T	T										
BEREA COLLEGE	SNOWFALL SN ON GND						-												-													
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND				T	.1													T													
CAMPBELLSVILLE	SNOWFALL SN ON GND					T	.3												T	T												
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T			T	T						T					T		.6 T	.3 1		T	T							.7		
CYNTRIANA	SNOWFALL SN ON GND																			1.5 2												
OANVILLE	SNOWFALL SN ON GND						.4 T													1.0 1												
EOOVILLE LOCK F	SNOWFALL SN ON GND						1.0																									
FARMERS	SNOWFALL SN ON GND						T T													T T		T										
GEST LOCK 3	SNOWFALL SN ON GND				-																											
HAZARO WATER WORKS	SNOWFALL SN ON GND																			- 2												
REIOELBERG LOCK 14	SNOWFALL SN ON GND						2.4 2												1.2 1													
HENDERSON 4 SW	SNOWFALL SN ON GND																		T	T										T		
HOPKINSVILLE	SNOWFALL SN ON GND						1.5 2																									
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV				T	T													T	T T												
LONDON FAA AIRPORT	SNOWFALL SN ON GND				T	T	T													T	T											
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV				T														T	T										T		
MAMMOTH CAVE PARK	SNOWFALL SN ON GND				T	T	.5																									
MAYSVILLE OAM 33	SNOWFALL SN ON GND																			.3 T												
MIDDLESBORO	SNOWFALL SN ON GND						T T													T T	T											
MILLERSTOWN	SNOWFALL SN ON GND				.6 1																											
MONTICELLO	SNOWFALL SN ON GND						1.0																									
MURRAY	SNOWFALL SN ON GND					1.0 1																										
PAUCAH FAA AIRPORT	SNOWFALL SN ON GND				T	2.0																										
PAINTSVILLE	SNOWFALL SN ON GND						T T													T T	T T											
PIKEVILLE	SNOWFALL SN ON GND						T												T	T												
SOMERSET 1 N	SNOWFALL SN ON GND				-															- T												
SUMMER SHADE	SNOWFALL SN ON GND							T																								
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND																			T T	T											

See reference notes following Station Index.

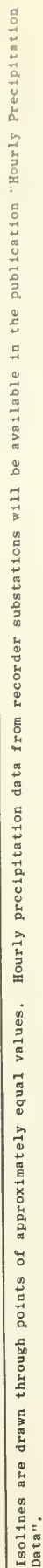


KENTUCKY  
FEBRUARY 1959





KENTUCKY  
FEBRUARY 1959





# STATION INDEX

KENTUCKY  
FEBRUARY 1959

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	7A				C	CORPS OF ENGINEERS	LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID	MID	C	HJ	U.S. WEATHER BUREAU
ADOLPHUS 1 N	0043	ALLEN	3	36 39	86 16	600	7A				C	JOEL M. MOUNTZ	LEWIS & CLARK	4755	CLARK	3	37 05	85 05	1191	6P	6P	C	HJ	U.S. WEATHER BUREAU
ALBANY	0063	CLINTON	2	36 41	85 08	960	7A				C	MRS. BARBARA M. COOL	LITTLE HICKMAN LOCK	4829	JESSAMINE	4	37 45	84 55	560	7A	7A	C	HJ	CORPS OF ENGINEERS
ALLER	0095	FLOYD	1	37 35	82 43	658	8A				C	ANNIE AUER	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A	6A	C	HJ	CORPS OF ENGINEERS
ANCHORAGE	0185	JEFFERSON	7	38 16	85 33	700	7P				C	C. E. BARRETT	LODULICK 1 S	4882	CLARK	4	37 51	84 02	1773			C	HJ	MURDER BURGER
AREA 2 NE	0185	MUHLBERG	3	37 08	87 19	510	7A				C	SPENCER PROWSE	LONDON 3 W	4893	LAUREL	2	37 08	84 08	1277			C	HJ	CITY OF LONDON
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6P				C	CORPS OF ENGINEERS	LONDON FAX AP	4938	CLARK	3	37 05	85 05	1191	MID	MID	C	HJ	FED. AVIATION AGENCY
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P				C	UNION COLLEGE	LOUISA	4943	LAWRENCE	1	38 07	82 37	582			C	HJ	CHARLES F. BRANHAM
BARDSTOWN 5 J PREP SCH	0397	NELSON	8	37 40	85 28	631	6P				C	ST. JOSEPH PREP SCH	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	6A	6A	C	HJ	HAROLD C. FERGUSON
BAKER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. HOMER NOLAN	LOUISVILLE	4949	JEFFERSON	3	38 14	85 39	602	6P	6P	C	HJ	LOUISVILLE S. C. E. CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	H. E. G. YOUNG	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 44	558			C	HJ	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A				C	H. C. WHITEAKER	LOUISVILLE WB FLD	4954	JEFFERSON	7	38 11	85 40	474	MID	MID	C	HJ	U.S. WEATHER BUREAU
BELTON	0611	MARSHALL	9	36 51	88 20	395	5P				C	JAMES H. MILLER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	36 17	85 48	403	6A	6A	C	HJ	CORPS OF ENGINEERS
BELTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WGBL	LOWELL BALLARD	4957	JEFFERSON	7	36 17	85 48	403	6A	6A	C	HJ	CORPS OF ENGINEERS
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN	LUCAS	5002	BARREN	3	36 53	86 02	738			C	HJ	WILLARD & FOSTER
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GAUBARD	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	7A	C	HJ	HOMER WELSHORN, JR.
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P				C	A. ENOCH WHEELER	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	5P	5P	C	HJ	NATIONAL PARK SVC
BLEDSCOE 2 SSE	0770	HARLAN	4	36 54	83 20	1870	7A				C	MRS. VIRGINIA NOLAN	MANCHESTER 4 SE	5111	LAKE	4	37 06	83 43	850	6P	6P	C	HJ	NORA S. WHITE
BOWLING GREEN	0854	HART	3	37 23	85 54	702	6P				C	MAROLD WALTERS	MAYFIELD	5240	GRAVES	3	38 14	85 39	642	7A	7A	C	HJ	CORPS OF ENGINEERS
BOWLING GREEN SUBSTA	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS	MAYSVILLE DAM 33	5243	HASON	7	38 38	83 42	515	7A	7A	C	HJ	CORPS OF ENGINEERS
BOWLING GREEN FFA AP	0907	WARREN	3	37 01	86 26	470	5A				C	TWA-639	MC KEE	5291	JACKSON	2	37 26	84 00	1000	7A	7A	C	HJ	MRS. WINNIE W. MORAN
BRENT DAM 36	0909	WARREN	3	36 58	86 26	535	MID				C	FED. AVIATION AGENCY	MC KINNEYSBURG	5301	PENDLETON	5	38 36	84 16	662			C	HJ	RICHARD T. STONOR
BROWNVILLE LOCK 6	0978	CAMPBELL	7	37 03	84 25	497	7A				C	CORPS OF ENGINEERS	META	5330	PIKE	3	37 05	82 73	730			C	HJ	CHARLES MURRAY
BURDINE 2 NE	1046	EDMONSON	3	37 12	86 16	410	7A				C	ELKURIDGE FRAGGS	MIDDLESBORO	5389	BELL	2	36 37	83 43	1130	5P	7A	C	HJ	LOU L. HERREL
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1043	8A				C	ELWIN L. JOHNSON	MIDDLESBORO SEWAGE PL.	5394	BELL	2	36 38	83 43	1130	5P	7A	C	HJ	CITY OF MIDDLESBORO
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	MARVIN M. LEE	MIDWAY	5447	BOURBON	4	38 09	84 41	-			C	HJ	CITY OF MIDWAY
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A				C	CORPS OF ENGINEERS	MILLERSBURG	5430	WOODFORD	5	38 18	84 09	769			C	HJ	DAVID C. BAILEY
CALHOUN LOCK 2	1225	MC LEAN	87	37 32	87 16	402	7A				C	CORPS OF ENGINEERS	MONTICELLO	5438	GRAYSON	3	37 27	85 33	636	7A	7A	C	HJ	OWA M. LANIER
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	ALVA MC KINLEY	MONTICELLO	5524	WAYNE	2	36 50	84 50	960	6P	7A	C	HJ	H. ALVIN L. BERTRAM
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.	MOREHEAD STATE COLLEGE	5555	HOMER	5	38 11	83 26	770			C	HJ	INACTIVE 9/57
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6P				C	CORPS OF ENGINEERS	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P	C	HJ	FRED LANTHIM
CLAY CITY 1 NW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL M. MOUNTZ	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 00	1137	5P	5P	C	HJ	CITY OF MT. VERNON
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	474	5P				C	BERNHEIM FOUNDATION	MURKINSVILLE 1 N	5649	HART	3	37 18	85 33	988			C	HJ	CHARLES MURRAY
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A				C	WOODSON D. FRANKLIN	MURRAY	5694	CALDWAY	9	36 36	88 20	622	6P	6P	C	HJ	MURRAY STATE COLLEGE
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BEANIE B. WHITE	OLIVE HILL	6012	CARTER	7	38 18	83 11	772			C	HJ	EARL R. MADGIA
COLLEGE HILL LOCK 11	1704	LESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS	OLNEY	6620	HOPKINS	7	37 14	87 47	533	8A	8A	C	HJ	MELVILLE PARLEE NEISZ
COVINGTON FALLS LOCK ST PK	1855	GOODE	7	39 04	84 40	869	MID				C	U.S. WEATHER BUREAU	ONEIDA 2A CLAY	6024	CLAY	3	37 05	85 33	926	5P	5P	C	HJ	MRS. ANNE W. URMAN
CYNTHIANA 2	1969	WHITLEY	3	36 50	84 19	1070	5P				C	K. DEPT. OF CONS.	ONEIDA DAM 3	6033	CAMPBELL	7	38 58	84 18	512	7A	7A	C	HJ	CORPS OF ENGINEERS
CYNTHIANA 2	1998	HARRISON	5	36 23	84 18	684	7A				C	H. MARSHALL HILLS	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	420	6P	6P	C	HJ	H. VIRGIL O. CLARK
CYNTHIANA 2	2003	HARRISON	5	36 23	84 17	719	8A				C	K. CARDINAL GAIRY	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 09	420	6P	6P	C	HJ	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	R. P. CALDRON	PAOLIUM FAX AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	MID	MID	C	HJ	FED. AVIATION AGENCY
DAVELLA	2053	HARTIN	1	37 48	82 32	718	7A				C	MRS. EVA M. DAVIS	PAOLIUM FAX AIRPORT	6111	MC CRACKEN	7	37 04	88 46	398	MID	MID	C	HJ	FED. AVIATION AGENCY
DELFIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A				C	BALLARD F. WALKER JR.	PAOLIUM FAX AIRPORT	6117	MC CRACKEN	7	37 04	88 46	398	MID	MID	C	HJ	CITY OF PAOLIUM
DELA	2139	KNOX	2	36 47	82 48	850	7A				C	HATTIE B. BARNY	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	820			C	HJ	JESSE FAIRCHILD
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	CORPS OF ENGINEERS	PAINTSVILLE	6137	JOHNSON	1	37 49	82 48	820			C	HJ	JESSE FAIRCHILD
DIX DAM	2214	MERCER	4	37 48	84 43	870	6P				C	PHILLIP O. THACKER	PINEVILLE	6184	HELL	2	36 45	83 42	1002	7A	7A	C	HJ	FOLEY PATER
DUNDEE BARRETS FORD BR	2358	OHIO	3	37 33	86 43	440	7A				C	JESSE L. HUFF	PRINCETON	6275	CALDWELL	2	37 06	87 53	529	5P	5P	C	HJ	ALTON M. HARVILL
DYER	2366	MUHLBERG	3	37 05	87 00	592	7A				C	N. D. GIVENS	RAVENNA LOCK 12	6679	LESTILL	4	37 40	83 57	634	7A	7A	C	HJ	CORPS OF ENGINEERS
EDDYVILLE LOCK F	2391	BRECKINRIDGE	2	37 43	86 13	793	7A				C	LENA BLAIR	RICHMOND	6803	MADISON	3	37 42	85 59	788	8A	8A	C	HJ	THOMAS C. HERRING
EDMONSON	2445	LOCK	2	37 03	88 05	420	7A				C	CORPS OF ENGINEERS	ROCHESTER LOCK 3	6862	OHIO	3	37 13	86 54	401	7A	7A	C	HJ	CORPS OF ENGINEERS
ELIZABETHTOWN	2469	METCALFE	3	37 00	85 37	865	7A				C	JOHN E. MURAN	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	6P	C	HJ	WM. H. PORTER
ELKHORN CITY	2510	HARDIN	3	37 41	85 52	739	6P				C	RADIO STATION WIEL	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A	7A	C	HJ	TWA-683
ELKTON 2 S	2528	PIKE	1	37 18	82 21	600	7A				C	ELMORNO D. WINNETT	SADLEVILLE	7074	SCOTT	4	36 23	84 33	791			C	HJ	LAWRENCE ROGERS
ELKTON 2 S	2548	TODD	6	36 47	87 10	520	7A				C	S. RICHARD ANDERSON	ST. JOHN BETHLEHEM ACAD	7091	HARDIN	3	37 42	85 59	788	7A	7A	C	HJ	SISTER MARY B. BUTZ
FALMOUTH	2775	PENDLETON	5	38 40	84 20	560	6P				C	FRANK H. LAWSON	ST. MARY	7096	MARION	8	37 35	85 21	743			C	HJ	JOHN B. BAUER
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P				C	MRS. C. C. STAMPER	SALIVA LOCK 6	7121	WOODFORD	4	37 56	84 49	490	6A	6A	C	HJ	CORPS OF ENGINEERS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A				C	MRS. JEAN FLEMING	SALYERSVILLE	7129	MAGUFFIN	5	37 45	83 05	859			C	HJ	CORPS OF ENGINEERS
FLEMINGSBURG 2	2908	FLEMING	5	38 43	83 45	911	6P				C	WILLIAM H. FISCHER	SALYERSVILLE 2 SE	7134	MAGUFFIN	5	37 45	83 03	920			C	HJ	STANLEY GARDNER
FORD LOCK 10	2953	MADISON	4	37 54	84 16	660	6A				C	CORPS OF ENGINEERS	SEABREE	7245	ALLEN	3	36 45	86 12	770	5P	5P	C	HJ	MUGLE ALLEN
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P				C	CORPS OF ENGINEERS	SEABREE	7234	WEBSTER	3	37 36	87 32	348	7A	7A	C	HJ	GILBERT I. ASHBY
FRANKFORD LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A				C	CORPS OF ENGINEERS	SHAWNEE STEAM PLANT	7311	MC CRACKEN	7	37 09	88 47	345	7A	7A	C	HJ	TWA-709
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A				C	MRS. KATIE D. NEAL	SMITHVILLE 2 W	7323	SHELBY	8	38 13	85 16	825	6P	6P	C	HJ	MRS. WILLIE S. RATTI
FREESBURG 2 SW	3046	PIKE	1	37 33	82 10	730																		

1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

See Page 18 for Reference Notes

USCOM-WB-Ashville, N. C. --- 4/3/59 --- 750



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U. S. DEPARTMENT OF COMMERCE  
LEWIS L. STRAUSS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

MARCH 1959  
Volume LIV No. 3



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ASHEVILLE: 1959



KENTUCKY - MARCH 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 84° on the 25th at Pikeville

Lowest Temperature: 10° on the 19+ at 3 stations

Greatest Total Precipitation: 4.77 inches at Benham

Least Total Precipitation: 1.09 inches at Paducah

Greatest One-Day Precipitation: 1.90 inches on the 27th at Oneida

Greatest Reported Total Snowfall: 7.9 inches at Covington WB Airport

Greatest Reported Depth of Snow on Ground: 4 inches on the 12th at  
Brent Dam 36 and Covington  
WB Airport



## CLIMATOLOGICAL DATA

KENTUCKY  
MARCH 1959

Station	Temperature														Precipitation													
WESTERN																												
BEAVER DAM	59.3	33.4	46.4		81	25	20	18+	570	0	0	16	0															
BENTON 2	61.1M	31.9M	48.1M		80	31	20	18	521	0	0	17	0															
FORDS FERRY DAM 50	59.9	34.9	47.9		80	31	25	18+	521	0	0	14	0	1.85	- 3.41	.52	6											
GOLDEN POND R N	62.2	31.0	47.6		81	31	19	23+	535	0	0	19	0	2.04	- 2.77	.70	26											
GREENVILLE 2 W	58.1	34.0	46.7	- .8	79	25	19	18	560	0	0	15	0	2.54	- 2.77	.65	26											
HENDERSON 4 SW	58.7	34.3	47.1	.2	79	25	22	22	549	0	0	15	0	1.95	- 3.60	.49	9+	.5	T	11								
HICKMAN 1 E	57.0	31.6	45.3		74	26	21	16	605	0	0	14	0	2.46	- 2.60	.57	26+											
HOPKINSVILLE	58.2	31.0	45.1	- .8	82	26	23	16	612	0	0	19	0	1.53	- 4.00	.56	26											
LOVELACEVILLE	61.5	34.7	48.1	.6	80	31	21	16	519	0	0	14	0	2.21	- 2.60	.54	1											
MADISONVILLE 1 SE	59.8	34.0	47.0		79	25	18	18	552	0	0	15	0															
MAYFIELD	60.6	36.7	48.7		80	31	24	16+	502	0	0	12	0	2.32	- 3.91	.70	26	.0										
MURRAY	60.6	35.4	48.0	- 1.2	79	31	23	16	526	0	0	15	0	1.83	- 2.99	.59	26	.0										
OWENSBORO 2 W	57.6	34.0	46.3	.2	79	25	23	18	574	0	0	15	0	2.33	- 2.99	.45	1											
PADUCAH FAA AIRPORT	58.3	34.7	46.5		78	31	24	7+	565	0	0	15	0	1.84	- 4.19	.49	26											
PADUCAH	61.9	36.1	49.0		80	31	24	16	490	0	0	13	0	1.09	- 4.19	.59	26	.0										
PRINCETON	61.0M	32.4M	46.7M	- 1.3	80	31+	19	23+	560	0	0	16	0	1.83	- 3.65	.95	26	.0										
RUSSELLVILLE	59.4	33.5	46.5	.4	80	31+	21	23+	569	0	0	17	0			.61	6											
DIVISION																												
CENTRAL																												
ANCHORAGE	54.6	30.6	42.6	- 1.7	80	25	15	18	686	0	0	17	0	2.12	- 2.75	.43	26											
BARDSTOWN S J PREP SCH	57.4	33.5	45.5		80	25	15	18	601	0	0	14	0	2.32	- 2.75	.64	26	.2										
BONNIEVILLE	56.8	30.9	43.9		79	25	14	18	649	0	0	16	0	2.49	- 2.75	.50	26											
BOWLING GREEN FAA AP	57.2	31.9	44.6	- 3.9	78	31+	20	18	625	0	0	19	0	2.29	- 3.34	.51	20											
CAMPRELLVILLE	57.5	33.8	45.7		78	25	21	18	594	0	0	16	0	2.35	- 2.75	.57	6											
CLERMONT 1 SSE	58.1M	32.4M	45.3M		80	25	14	18	606	0	0	17	0	2.49	- 2.75	.61	26											
ELIZABETHTOWN	57.4	32.1	44.8		79	25	16	18	621	0	0	17	0	2.73	- 2.75	1.00	26											
GLASGOW WKAY	58.0	32.5	45.3		81	25	20	18+	603	0	0	16	0	2.70	- 2.75	.51	6	.0										
GREENSBURG	55.9	29.4	42.7	- 4.1	80	26	17	18	685	0	0	22	0	2.60	- 2.98	.65	6											
IRVINGTON	57.1	33.7	45.4	- 1.1	81	25	18	18	600	0	0	16	0	1.76	- 3.26	.50	26											
LEITCHFIELD	57.1	34.3	45.7	- 1.3	81	25	21	18	591	0	0	15	0	3.29	- 2.10	.94	27											
LOUISVILLE	57.2	35.4	46.3		81	25	21	22	577	0	0	14	0	2.19	- 2.10	.42	29+											
LOUISVILLE WB AP	55.6	33.7	44.7	.9	83	25	19	18	627	0	0	16	0	2.13	- 2.54	.64	5											
MAMMOTH CAVE PARK	59.2	31.0	45.1		79	25	15	18	613	0	0	19	0	2.22	- 2.54	.46	6											
ST JOHN BETHLEHEM ACAD	53.0	31.3	42.2	- 3.1	76	26	20	2	704	0	0	19	0	2.09	- 3.03	.42	27											
SCOTTSVILLE	58.9	33.6	46.3		79	31+	23	23+	573	0	0	17	0	2.52	- 2.54	.49	26											
SUMMER SHADE	57.7	31.7	44.7		78	25	21	18+	621	0	0	19	0	3.66	- 2.54	.68	26	.3										
WOLF CREEK DAM	56.0M	26.9	41.5M		78	26	16	19	727	0	0	23	0	3.78	- 2.54	1.11	27											
DIVISION																												
BLUE GRASS																												
BEREA COLLEGE	59.6	33.2	46.4	.6	81	25	11	18	578	0	0	16	0	2.00	- 2.96	.34	1	.0										
CARROLLTON LOCK 1	55.2	31.6	43.4		79	25	15	18	661	0	0	17	0	2.41	- 2.15	.70	6											
COVINGTON WB AIRPORT	50.9	31.2	41.1	.6	77	25	17	22	736	0	0	18	0	2.52	- 1.52	.67	5	7.9										
CYNTHIANA 2	53.3	27.5	40.4		78	26	10	18	753	0	0	23	0	3.03	- 1.52	.73	21	.0										
DANVILLE	53.5	31.1	42.3		79	26	17	18	697	0	0	20	0	3.25	- 1.62	.77	21	.5										
DIX DAM	56.6	32.6	44.6		79	26+	16	18	626	0	0	16	0	2.11	- 2.42	.61	21	.0										
FALMOUTH	55.8	29.9	42.9		81	25	13	18	680	0	0	19	0	2.49	- 2.42	.57	1	2.0										
FARMERS	57.7	29.9	43.8	- 1.7	80	25	12	18	651	0	0	18	0	2.27	- 2.65	.54	27											
FLEMINGSBURG 2	55.3	30.0	42.7		82	25	12	18	684	0	0	19	0	2.20	- 2.66	.47	26											
FRANKFORT LOCK 4	53.0	28.4	40.7	- 4.7	80	26	15	19	746	0	0	21	0	2.17	- 2.66	.55	6											
LEXINGTON WB AIRPORT	53.2	31.5	42.4	- 1.9	78	25	17	18	692	0	0	22	0	1.82	- 2.64	.42	26	.4										
MAYSVILLE DAM 33	52.9	26.8	39.9	- 4.2	79	26	10	19	773	0	0	25	0	2.83	- 1.98	.67	21											
MOUNT STERLING	55.5	33.0	44.3		79	25	16	18	636	0	0	15	0	2.55	- 2.52	.53	9	.5										
RICHMOND	53.6	29.7	41.7		80	26	14	18	715	0	0	21	0	2.66	- 2.80	.44	27	1.3										
SHELBYVILLE 2 W	55.8	32.1	44.0	.9	80	25	14	18	644	0	0	16	0	2.79	- 2.80	.88	6											
WILLIAMSTOWN 5 WSW	52.2	28.0	40.1	- 4.2	78	26	16	23+	764	0	0	25	0	2.68	- 2.34	.72	6	4.0										
DIVISION																												
EASTERN																												
ASHLAND DAM 29	56.3	32.5	44.4	- 1.6	81	25	18	18	632	0	0	16	0	1.89	- 2.49	.44	27											
BARBOURVILLE	55.0	27.6	41.3		79	26	16	18	726	0	0	23	0	3.35	- 2.49	.95	27	.2										
BAXTER	52.7	27.3	40.0		78	26	14	8	769	0	0	26	0	4.77	- 2.49	1.36	27	5.0										
BENHAM	58.1	27.1	42.6		82	25	10	18	689	0	0	22	0	2.19	- 2.49	.41	27											
BLAINE																												
DEWEY DAM	57.4	27.4	42.4		82	26	13	19+	695	0	0	24	0	1.96	- 2.49	.91	27											
GRAYSON 1 SE	59.9	27.9	43.9		81	26+	12	18	648	0	0	23	0	1.55	- 3.45	.61	27											
HEIDELBERG LOCK 14	54.8	27.3	41.1		81	26	11	23	735	0	0	24	0	2.84	- 2.49	.70	27											
HINDMAN SETTLEMENT SCH	59.3	25.0	42.2		79	25	11	18	702	0	0	25	0															
INEZ																												
LONDON FAA AIRPORT	54.9	29.7	42.3		79	25	17	18	697	0	0	22	0	2.22	- 2.49	.56	26											
MANCHESTER 4 SE	59.5	28.5	44.0		82	25	14	18	643	0	0	22	0	1.71	- 2.49	.80	27											
MIDDLESBORO	60.1	31.2	45.7		79	25	17	18	592	0	0	20	0	4.35	- 2.49	1.61	27	1.9										
MONTICELLO	58.5	32.4	45.5		79	25	17	18	601	0	0	17	0	3.11	- 2.49	.90	27	.3</										



# CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY  
MARCH 1959

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
PIKEVILLE		60.2	33.0	46.6		84	25	20	18+	564	0	0	16	0	2.76	- 1.91	.65	27	T	0		9	1	0
SOMERSET 1 N		56.0	31.1	43.6		78	25	15	18	658	0	0	17	0	3.27		.71	26	T	12		11	1	0
VANCEBURG DAM 32		55.7	31.1	43.4		80	25	16	18	661	0	0	19	0	2.30	- 2.44	.45	12			7	0	0	0
WEST LIBERTY		55.0	26.5	40.8		81	26	12	18	744	0	0	24	0	1.93		.76	27	.5	1	17	5	1	0
WILLIAMSBURG 2																								
DIVISION				43.2	- 3.7										2.74	- 2.17			.7					

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	SSW	17	11.7	40++	WSW	15+	67	72	56	54	8	7	4	2	0	0	21	-	7.3
LEXINGTON WB AIRPORT	S	17	13.4	-	-	-	73	79	55	58	7	4	7	0	0	0	18	-	6.0
LOUISVILLE WB AIRPORT	SE	13	12.1	43	SW	15	67	75	54	51	12	3	5	1	0	0	21	54	6.2

See Reference Notes Following Station Index



# DAILY PRECIPITATION

1954-55  
1954-55

Station	T	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ADOLPHUS 1 N	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ALBANY 4 N	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ALLEN	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ANCHORAGE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
AREX 2 NF	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ASHLAND DAM 20	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BARDONVILLE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BARDSTOWN S J PRIP	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BAKER	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BEAVER DAM	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BENHAM	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BENTON 2	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BIRFA COLLEGE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BIRFA WATER WORKS	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BLAINE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BLUFADE 2 551	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BONNIEVILLE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BOWLING GREEN	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BOWLING GREEN SUBSTA	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BOWLING GREEN FAA AP	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BRYANT DAM 36	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BURNSVILLE LOCK 6	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BURNING 2 NF	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
BURNSVILLE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CADIZ LOCK 2	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CALHOUN LOCK 2	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CAMPBELLSVILLE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CANYVILLE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CARROLLTON LOCK 1	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CLAY CITY 1 WNW	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CLERMONT 1 SSW	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
COAB	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
COLLEGE MILL LOCK 11	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
COVINGTON WB AIRPORT	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CUMBERLAND FALLS 57 PK	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CYNTHIANA	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
CYNTHIANA 2	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
DANVILLE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
DELPHIA 1 F	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
DEWEY DAM	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
DIX DAM	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
DUNDEE BARRETT'S FORD BR	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
DUNMORE	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
EDDYVILLE LOCK F	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
EDMONTON	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ELIZABETHTOWN	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01		T				T	1.10	T				1.48	T	1.05	1.28	T		
ELKHORN CITY	2.47	1.12	1.10			1.18	T		1.17	1.02	1.10	1.03		1.01																		



# DAILY PRECIPITATION

CONTINUED

KENTUCKY  
MARCH 1959

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
OLNEY	2.74	.54		.32		.12	.32			.31		.03	.05									.07	T					.76	.05		.17			
ONEIOA	3.83	.24	.16	.05			.42		.13	.05		.42	T			.24		T					.07					1.90			.15			
ONEONTA DAM 35	2.29	.30			T		.65	.09		.02	.14	.20	.25	.09				.01					.02			.02		.33	.35	.03	.08			
OWENSBORO 2 W	2.33	.45		.12			.39			.38	T	.08	.10									.17						.02	.04		.10	.15	.03	
OWENSBORO DAM 46	2.33	.35		.12			.42	.01		.34	T	.08	.12	.01		.10	T					T	.12					.33	.36		.10	.15	.03	
PAUCAH FAA AIRPORT	1.84		.06	T			.50		.11	.14		.01	.11	T		T						.05						.59	T		.15	T		
PAUCAH	1.09						.30	.20				T										T						.59						
PAINTSVILLE	2.43	.16	T		.10		.36				.11	T	T	T										.30				1.20	.03	T	.17			
PIKEVILLE	2.76	.37	.15				.18	.05	T		.26	T	.03	.39	.04			T				.15						.25	.65	T	.19	.05		
PINEVILLE	3.52	.23	.02	T	.14		.34	T		.09		.05	.91	.10		.20						.09	.12					.80	.02		.41			
PRINCETON	1.83		.20				.38			.22		.08																.95						
RAVENNA LOCK 12	-	.20	.09				.22			.10	T	.30	T		T								.08					-	-	-	-	-		
RICHMOND	2.66	.43	.15				.30	T		.21	.08	.01	.42	.03	.03		T					.04	.31	.03				.44	.03	.15				
ROCHESTER LOCK 3	2.95	.43	.24			.03	.68			.35		.07										.15	.14					.23	.21	.03	.39			
RUSSELLVILLE	-	.43		.21			.05	.61		.16		-	-									.21	.09					.31	.26		-	-		
RUSSELLVILLE SUBSTA	2.20	.39	.20							.30		.08	.06									.24	.05	T				.52	.10		.16	.10		
ST JOHN BPTLEMEN ACAD	2.00	.36	.09		.02		.22	.03		.22	T	.27	.12									.12	.20					.42	.12	.17				
SALVISA LOCK 6	2.65	.48		.12	.03		.46	.03		.19	.05	T	.27	.03								.12	.20					.33		.21				
SALYERSVILLE 2 SE	2.46	.19	.04	.06						.36		.48	.02												.05				.33		.21			
SCOTTSVILLE	2.52		.27			.17	.37															.21	.04						.49	.07		.40		
SEBREE	RECORD MISSING																																	
SHAWNEE STEAM PLANT	1.96	.48				.14	.25		T	.28		.10																.60		.03	.08			
SHELBYVILLE 2 W	2.79	.33	.09	.05			.88			.22	.17	.03	.12															.44	.05	.05	.22	.02		
SHEPHERDSVILLE	-	-					.65	.02		.18	.02		.12	T														.42			.35			
SOMERSET 1 N	3.27	.42	.02	.08		.07	.46	.01		.32	T	.28	.15	T	.01	.16		.01				.11	.10					.71	.19		.17			
SPRINGFIELD	2.20	.25	T	.12	T		.62			.21		.24										.23						.30	T		.23			
STEARNS	3.40	.36	.09				.36					.76	T			.15						.27		.14				.97			.24			
SUMMER SHADE	3.66	.38	.23			.46	.48			.12	T	.42	.05									.53						.68	.01		.30			
SUMMER SHADE SUBSTA	3.82	.42	.26			.85	.18			T	.12	.24	.03		.04							.67						.70	.02	T	.29			
TAYLORSVILLE	2.61	.38	.09			.40	.26	.16	.04	.02	.28											T	.22					.48			.28			
TURKEY CREEK SCHOOL	2.62	.52	.23			.16	.55			.12		.05	.06			.01							.04	.20				.47	.08		.13			
TYRONE LOCK 5	2.62	.62	.12	.02	T		.55	T		.15	.03	.01	.26	.02									.23					.45	T		.16			
UNIONTOWN DAM 49	2.58	.36	.07			T	.41	.01		.44	T	.38	.11									.01	.23					.32	.19	T	.03	.12		
VALLEY VIEW LOCK 9	2.59	.43	.12	.04		.25	T			.21	.05	T	.28	T								.02	.76	T				T	.23	T		.20		
VANBUREN	RECORD MISSING																																	
VANCEBURG DAM 32	2.30	.43	.05			.39	.02	T		.10	.19	.45	.03									.10						.41	.05		.08			
WAYNESBURG 7 NE	2.57	.42	T	.13		.39	T		.27	.03	.49	.04										.20		.10				.15	.04		.26			
WEST LIBERTY	1.93	.18	.00	.01		.08	.04	T	.32	T				.02			.05		.05			.02	.11	.09				.76			.16			
WILLIAMSBURG 2	RECORD MISSING																																	
WILLIAMSTOWN 5 WSW	2.68	.36	T	.07		.72	T		.13	.17	.30	.16	T		T							.04						.53	.05		.15			
WILLOW LOCK 13	1.77	.18	.12				.20			.16	.03	.02	.26	.03											.03	.11			.52	.04		.07		
WOLF CREEK DAM	3.78	.43	.15	.11		.61			.14	.06	.54	.02				.06									.03	.11			1.11	.02		.27		
WOODBURY LOCK 4	2.86	.35	.22			.52			.27			.11	T									.06	.45					.16	.46		.06	.20		

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

KENTUCKY  
MARCH 1959

Station		Day Of Month																															Month
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	38 13	34 20	50 13	57 22	54 17	52 11	45 29	56 21	50 38	42 29	40 32	19 27	57 22	64 41	38	45 19	47 24	49 15	46 25	56 35	52 36	45 19	68 19	74 30	80 45	62 50	61 39	50 29	43 11	63 42	77 40	54.6 30.6
ASHLAND OAM 29	MAX MIN	54 36	52 29	50 36	56 31	56 30	55 36	44 32	55 22	48 40	45 33	40 35	40 28	49 31	70 34	69 44	48 28	41 29	46 18	69 24	65 31	58 43	44 23	68 20	75 30	81 39	72 42	61 38	46 29	52 13	58 42	77 41	56.3 32.5
BARBOURVILLE	MAX MIN																																
BARSTOWN S J PREP SCH	MAX MIN	45 33	54 20	51 35	60 24	55 38	54 35	45 27	58 21	53 37	50 29	43 34	41 28	59 27	69 59	63 42	49 21	44 26	50 15	67 29	65 43	53 44	45 21	68 20	75 34	80 52	76 55	67 38	50 27	48 36	65 43	78 55	57.4 33.5
BAXTER	MAX MIN	61 36	39 11	50 31	46 22	60 22	55 24	42 29	45 19	56 19	50 27	56 30	50 28	35 28	53 33	62 34	62 28	50 22	45 16	50 17	65 20	65 38	72 27	68 21	74 21	80 31	79 36	63 43	50 29	43 29	63 36	77 35	55.0 27.6
BEAVER DAM	MAX MIN	44 29	60 22	57 32	63 24	56 43	56 33	46 26	61 23	56 40	48 30	44 34	46 31	68 25	67 49	63 40	52 20	44 28	53 20	69 28	61 45	57 40	50 23	70 22	76 33	81 48	75 56	67 41	53 30	50 38	66 37	80 45	59.3 33.4
BENHAM	MAX MIN	60 30	45 28	49 28	45 23	58 27	55 37	41 26	42 14	54 17	44 26	43 27	54 26	33 26	42 31	60 26	42 22	48 21	42 15	50 18	65 25	69 44	48 24	46 19	70 26	75 34	78 40	60 28	52 28	42 30	62 32	77 32	52.7 27.3
BENTON 2	MAX MIN	51 29	62 30	60 32	63 23	62 47	59 34	47 21	62 23	59 43	54 40	49 35		69 23	68 51		46 26	58 27	67 45	61 40	50 26	68 24	77 29	79 38	76 59	73 49	67 38	55 28	54 39	67 35	80 59	62.3 33.9	
BEREA COLLEGE	MAX MIN	60 33	52 24	51 32	59 29	59 39	58 38	46 28	58 43	57 41	55 29	52 33	52 26	56 25	67 49	67 38	51 27	47 11	50 32	68 48	54 40	45 19	70 20	75 40	81 56	79 58	65 40	51 23	51 31	63 39	79 39	59.6 33.2	
BLAINE	MAX MIN	59 35	51 24	48 32	57 22	52 23	55 37	42 30	56 14	54 34	51 29	59 31	45 27	51 26	70 26	63 45	49 18	43 20	47 10	68 14	68 23	64 43	48 19	69 13	76 24	82 31	80 36	57 37	49 22	50 22	60 40	77 33	58.1 27.1
BONNIEVILLE	MAX MIN	39 33	54 19	49 32	61 21	56 41	55 33	46 26	58 18	52 38	54 28	45 34	44 27	61 26	66 50	60 42	51 19	42 24	52 14	65 19	56 33	53 45	48 23	69 17	74 39	79 53	71 40	62 30	53 28	46 35	63 42	77 30	56.8 30.9
BOWLING GREEN FAA AP	MAX MIN	44 26	57 23	51 32	60 26	58 40	43 29	48 24	58 23	53 33	55 34	47 33	67 31	65 27	57 47	57 30	53 22	45 28	54 20	66 27	58 47	55 33	43 24	68 23	74 32	80 43	78 54	63 34	52 31	46 39	65 32	78 43	57.2 31.9
CAMPBELLVILLE	MAX MIN	49 35	53 25	50 32	60 27	57 39	55 33	45 26	57 23	53 40	54 26	50 31	43 29	59 29	67 47	62 31	50 24	43 28	51 21	66 26	61 49	53 48	50 22	68 33	74 50	78 56	70 40	61 38	54 28	52 33	76 37	80 44	57.5 33.8
CARROLLTON LOCK 1	MAX MIN	42 33	51 22	50 36	56 23	54 37	54 31	44 30	55 22	54 41	42 30	40 22	39 41	53 31	64 26	64 40	45 28	42 24	46 15	66 26	64 34	55 42	43 20	67 17	73 29	77 45	62 38	47 25	47 34	61 42	75 46	81 46	55.2 31.6
CLERMONT 1 SSE	MAX MIN	43 33	55 20	53 33	63 22	59 40	56 32	46 27	57 19	56 37	46 25	47 36	41 29	58 25	66 52	66 41	48 20	47 26	41 14	66 24	65 36	57 46	48 20	66 18	75 32	80 49	78 55	63 40	49 27	50 35	64 43	78 52	58.1 32.4
COVINGTON WB AIRPORT	MAX MIN	36 32	47 25	46 34	52 26	49 36	50 29	39 27	52 25	50 34	39 31	35 27	36 24	47 31	62 27	58 44	39 24	33 18	45 32	65 39	54 24	48 39	42 17	65 24	71 41	77 50	60 44	59 33	45 24	44 34	59 41	73 48	50.9 31.2
CYNTHIANA 2	MAX MIN	60 30	40 20	50 20	50 21	55 28	54 35	43 29	43 17	55 26	50 27	47 29	39 26	39 27	52 30	68 51	59 18	46 20	40 10	66 17	67 26	63 40	53 20	44 16	66 25	74 35	78 41	64 27	49 24	46 27	61 35	81 37	53.3 27.5
OANVILLE	MAX MIN	60 33	37 24	52 25	46 30	58 30	53 33	33 28	44 23	56 28	47 31	52 33	46 27	39 27	56 28	66 48	57 26	48 20	41 17	49 20	67 37	65 48	50 22	45 22	68 44	74 48	79 53	62 47	51 24	52 25	43 39	63 39	53.5 31.1
DEWEY OAM	MAX MIN	64 36	39 29	51 29	48 26	57 24	56 24	47 33	46 16	56 26	49 31	57 31	57 30	38 29	56 32	69 56	20 21	50 20	44 13	45 17	70 33	58 24	47 16	70 16	78 26	82 33	69 37	63 30	57 32	72 32	80 33	57.4 27.4	
DIX OAM	MAX MIN	60 33	52 24	51 32	57 27	56 37	52 32	44 28	56 24	45 42	49 32	45 33	45 27	54 26	60 47	58 40	49 24	46 26	46 16	65 25	62 42	56 47	53 20	66 22	72 34	79 45	79 48	62 40	49 24	50 34	60 40	76 41	56.6 32.6
ELIZABETHTOWN	MAX MIN	40 31	54 20	56 31	60 21	57 36	55 31	44 21	57 19	55 39	50 30	46 35	42 28	60 24	66 49	64 40	50 18	45 23	50 16	66 30	63 46	54 46	48 20	67 18	74 37	79 45	75 55	62 40	50 27	50 35	63 41	77 44	57.4 32.1
FALMOUTH	MAX MIN	50 33	51 23	50 34	57 22	51 29	49 32	44 30	57 19	49 42	54 29	54 32	41 26	52 29	68 48	63 40	47 20	42 22	48 13	68 20	63 36	56 46	47 19	69 15	75 24	81 34	73 40	59 37	48 24	46 28	62 41	78 39	55.8 29.9
FARMERS	MAX MIN	53 35	51 23	50 34	56 23	54 30	58 35	44 23	57 30	55 33	52 29	44 31	42 27	52 31	68 43	66 44	48 22	45 20	47 12	69 17	67 39	66 47	49 21	67 17	74 26	80 34	78 40	60 37	49 23	49 30	63 41	76 36	57.7 29.9
FLEMINGSBURG 2	MAX MIN	47 33	51 23	51 32	55 24	52 33	52 31	44 28	58 20	48 39	42 30	39 32	39 23	52 28	67 44	61 38	49 20	39 19	48 12	69 22	64 36	57 49	42 18	69 18	76 31	82 48	66 58	57 48	48 22	49 30	63 40	78 41	55.3 30.0
FOROS FERRY DAM 50	MAX MIN	47 25	61 30	59 32	68 28	63 46	57 33	46 27	61 32	58 39	45 37	43 34	47 32	68 27	65 53	64 41	50 26	43 20	52 28	68 35	62 48	58 26	47 26	69 33	76 46	82 52	66 38	57 45	52 31	40 40	67 41	80 51	59.9 35.9
FRANKFORT LOCK 4	MAX MIN	59 33	39 23	50 23	49 25	57 25	56 38	40 31	49 22	56 21	48 33	47 22	40 28	50 26	55 26	65 50	58 24	45 24	40 15	65 22	64 22	57 37	52 21	45 19	65 31	73 28	80 38	62 45	52 27	48 27	45 35	61 42	53.0 28.4
GLASGOW WKAY	MAX MIN	44 33	54 20	51 32	60 23	58 48	56 33	45 23	58 40	54 41	55 31	48 36	62 30	67 26	61 42	40 42	53 20	46 26	52 16	65 26	61 43	53 45	46 23	68 21	74 32	81 40	78 51	62 39	54 29	40 40	63 33	43 43	32.5 32.5
GOLOEN POND 8 N	MAX MIN	51 22	63 23	60 32	65 23	62 46	56 32	47 26	64 22	60 43	53 32	52 34	48 31	69 24	66 52	66 41	55 19	46 25	59 20	69 25	66 45	61 45	51 25	70 19	78 30	80 45	78 58	75 43	55 30	54 39	69 34	81 46	62.2 33.0
GRAYSON 1 SE	MAX MIN																																



# DAILY TEMPERATURES

CONTINUEO

KENTUCKY  
MARCH 1959

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LEXINGTON WB AIRPORT	MAX	37	49	46	56	55	51	42	54	47	46	41	38	54	64	58	45	40	46	66	62	51	42	65	73	78	63	55	47	43	61	74	53.2	
	MIN	31	24	31	27	36	31	27	24	32	32	30	27	24	45	29	22	22	17	31	45	27	19	27	41	50	54	30	24	34	40	44	31.5	
LONDON FAA AIRPORT	MAX	38	51	46	59	53	50	44	58	46	55	50	35	55	64	59	49	42	48	63	66	54	47	68	74	79	60	58	51	44	59	76	54.9	
	MIN	33	25	30	24	32	33	24	19	28	27	27	30	27	29	40	25	22	25	17	42	32	24	21	32	45	46	34	27	31	40	37	29.7	
LOUISVILLE	MAX	40	56	52	59	55	54	45	58	55	45	43	41	60	65	64	47	42	51	69	62	55	45	69	76	81	75	64	52	48	65	79	57.2	
	MIN	34	27	36	30	41	32	29	27	39	34	34	28	29	49	40	28	25	23	31	45	42	21	27	38	49	59	40	28	38	43	51	35.4	
LOUISVILLE WB AP	MAX	39	55	51	60	54	45	46	59	51	43	38	39	60	65	60	47	41	52	70	57	51	45	69	77	83	65	60	51	45	66	80	55.6	
	MIN	29	24	36	28	40	33	28	25	34	34	32	29	30	51	35	25	26	19	29	43	29	22	24	35	51	58	36	28	37	43	51	33.7	
LOVELACEVILLE	MAX	53	64	57	65	63	60	47	61	57	51	47	49	69	65	62	53	48	59	68	65	60	54	68	75	78	75	69	55	61	70	80	61.5	
	MIN	25	25	33	25	48	34	22	26	42	37	34	30	25	51	40	21	28	27	30	47	45	24	22	33	43	59	42	31	40	40	45	34.7	
MADISONVILLE 1 SE	MAX	46	59	58	61	58	56	46	61	57	48	45	47	66	66	64	52	46	55	67	65	60	48	68	75	79	77	74	55	51	65	78	59.8	
	MIN	27	25	35	24	46	34	26	26	41	32	34	31	25	52	41	23	28	18	29	46	44	23	21	35	44	56	44	30	34	37	49	34.2	
MAMMOTH CAVE PARK	MAX	52	55	55	62	58	56	45	59	56	54	52	44	64	66	61	53	44	53	65	64	55	49	68	75	79	78	67	54	50	64	78	59.2	
	MIN	31	18	30	20	40	30	25	17	41	27	34	28	24	48	40	19	27	15	25	42	46	20	17	29	42	56	38	25	30	34	42	31.0	
MANCHESTER 4 SE	MAX	62	51	50	59	51	58	46	58	50	56	53	52	55	66	62	52	48	50	68	70	62	55	70	76	82	78	60	52	51	62	79	59.5	
	MIN	34	22	32	21	25	37	29	17	31	27	30	29	27	42	46	19	20	14	17	31	16	23	18	29	34	39	46	29	28	40	33	28.5	
MAYFIELD	MAX	50	61	58	64	62	54	47	60	57	54	48	46	68	66	63	52	47	57	67	66	58	52	66	73	75	75	70	58	57	69	80	60.6	
	MIN	24	28	34	29	49	33	35	30	43	39	34	28	29	52	40	24	30	29	37	48	48	28	26	41	49	57	42	32	39	41	44	36.7	
MAYSVILLE OAM 33	MAX	60	40	50	50	54	54	44	42	55	47	40	37	40	50	68	63	45	36	46	67	60	51	43	67	74	79	62	55	47	50	62	52.9	
	MIN	32	24	34	24	24	35	31	19	19	32	32	27	27	31	47	24	22	14	10	20	34	21	17	18	27	36	41	24	25	30	40	26.8	
MIDDLESBORO	MAX	62	55	52	60	58	52	49	56	55	59	58	48	58	64	61	54	51	52	64	70	65	53	69	73	79	78	59	55	55	63	76	60.1	
	MIN	36	21	33	21	28	37	29	18	32	26	28	30	25	47	49	23	26	17	19	32	46	19	32	46	28	20	31	35	48	49	30	31	38
MONTICELLO	MAX	59	52	50	59	56	55	45	59	52	58	53	51	59	66	58	51	48	50	67	63	55	48	69	73	79	73	61	55	52	60	76	58.5	
	MIN	35	21	32	25	33	35	26	19	40	28	31	29	28	48	44	21	23	10	26	43	47	24	19	31	38	53	42	28	37	40	40	32.4	
MOUNT STERLING	MAX	55	53	48	55	51	52	42	54	53	52	42	40	51	65	61	47	42	45	66	64	60	46	65	72	79	74	58	48	47	60	74	55.5	
	MIN	34	27	34	27	35	33	29	24	40	32	31	31	26	41	42	24	27	16	28	42	46	20	23	38	47	51	36	23	33	40	43	33.0	
MOUNT VERNON	MAX	60	51	47	58	53	55	45	58	56	54	51	40	55	66	62	48	41	43	68	64	51	47	68	74	80	66	58	57	46	62	77	56.8	
	MIN	33	23	32	25	32	33	26	18	40	29	33	26	29	47	44	20	24	15	19	48	40	20	18	30	42	56	24	30	34	39	43	31.4	
MURRAY	MAX	50	62	56	63	59	57	46	63	57	55	46	48	68	64	60	53	46	58	68	65	58	52	65	76	78	78	70	55	55	68	79	60.6	
	MIN	25	29	33	26	50	33	24	28	43	33	35	30	28	50	30	23	30	25	32	46	43	26	25	38	45	59	43	32	39	43	47	35.3	
OWENSBORO 2 W	MAX	45	58	52	62	56	50	45	58	54	48	45	45	65	63	60	43	46	53	66	62	56	51	68	71	79	71	66	55	49	65	78	57.6	
	MIN	27	28	34	28	44	32	28	28	44	35	35	32	28	45	35	26	27	23	32	46	40	24	26	36	47	56	42	30	39	40	47	35.0	
PAOUCAH FAA AIRPORT	MAX	50	61	52	63	62	42	45	60	52	48	41	48	68	65	60	50	46	58	67	62	51	51	67	75	77	73	55	55	57	68	78	58.3	
	MIN	24	32	35	26	37	31	24	30	41	41	34	29	30	51	29	26	30	26	39	46	33	25	29	41	48	55	34	32	40	38	45	34.7	
PAOUCAH	MAX	53	63	61	64	63	60	50	62	58	50	48	50	69	65	65	51	48	58	68	66	62	51	68	76	78	77	74	55	57	68	80	61.9	
	MIN	26	29	34	26	46	34	27	29	42	39	34	28	27	52	41	24	29	29	35	48	46	26	25	36	47	58	43	32	41	42	45	36.1	
PIKEVILLE	MAX	55	51	47	60	55	55	45	61	48	56	58	52	56	70	70	54	49	51	72	72	66	52	72	79	84	65	61	55	51	61	81	60.2	
	MIN	37	25	35	28	29	42	34	20	38	30	38	31	31	34	50	27	26	20	23	40	47	28	22	31	37	48	40	35	29	41	38	33.0	
PRINCETON	MAX	51	57	61	58	58	48	61	56	54	54	47	51	69	65	64	54	48	56	69	65	59	53	71	76	80	75	71	56	53	65	80	61.0	
	MIN	21	27	21	45	34	20	21	43	40	34	30	21	50	41		19	24	19	23	43	41	25	19	29	41	55	41	27	39	40	40	32.4	
RICHMONO	MAX	60	38	51	49	56	56	39	43	55	45	51	48	38	54	65	57	48	42	48	65	65	52	40	67	73	80	69	51	50	46	62	53.6	
	MIN	34	25	23	24	26	35	28	21	32	30	32	26	24	26	52	21	25	14	21	33	46	24	18	25	43	46	40	24	27	39	38	29.7	
RUSSELLVILLE	MAX	46	60	55	61	57	55	48	61	57	56	45	49	66	71	62	56	45	55	67	59	56	50	68	78	80	68	66	54					



# SNOWFALL AND SNOW ON GROUND

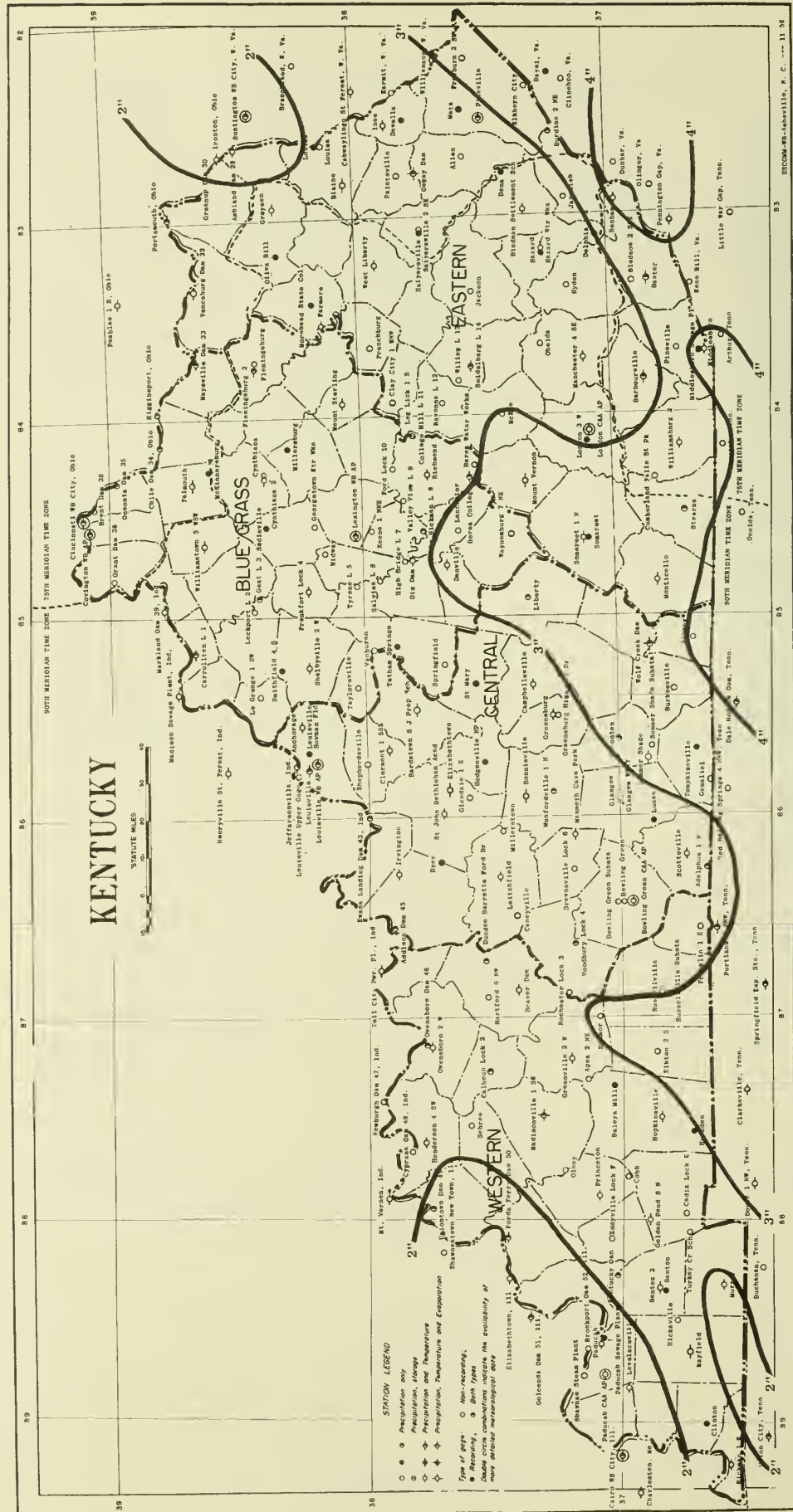
KENTUCKY  
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Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HARDSTOWN SJ PREP SCH	SNOWFALL SN ON GND	T					T						.2					T														
BEAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DENHAM	SNOWFALL SN ON GND	T	T	2.0 T					T	T			1.5 1	1.5			T	T													T	
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T		T	.2 T		.4				2.5 1	4.5 T	.3 4	T 2		T	T	T														
CYNTHIANA	SNOWFALL SN ON GND							2.0	T		T	1.0	T	T				T														
DANVILLE	SNOWFALL SN ON GND			.5 1					T T					T T																		
EDDYVILLE LOCK F	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORDS FERRY DAM 50	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZARD WATER WORKS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HENDERSON 4 SW	SNOWFALL SN ON GND						T						.5 T	T																		
HOPKINSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T		.2 T			.1 T	T T			.1	T	T T	T T				T T														
MAYSVILLE DAM 33	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	SNOWFALL SN ON GND				1.4									.5 T																	T	
MONTICELLO	SNOWFALL SN ON GND			.3																												
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND							T T			1.0 1	3.0 3	1	T T				T T														

See reference notes following Station Index.



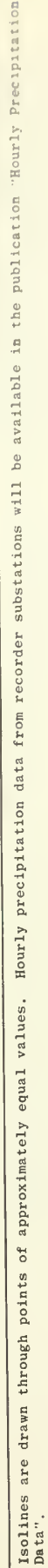
KENTUCKY  
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Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".



KENTUCKY  
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# STATION INDEX

KENTUCKY  
MARCH 1959

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL (SEE REMARKS)		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A				C	CORPS OF ENGINEERS
ADOLPHUS 1 N	0063	CLINTON	3	36 39	86 16	600	7A				C	JOEL W. O'LEARY
ALBANY 4 N	0063	CLINTON	3	36 45	85 08	1000	7A				C	MRS. BARBARA M. COOL
ALLEN	0095	FLOYD	1	37 35	82 43	658	8A				C	NANNIE AUKER
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	750	7P				C	C. E. BARRETT
APES 2 NE	0185	MULLENBERG	3	37 08	87 19	510	7A				C	SPEncer PROWSE
ASHLAND CAN 29	0254	BOYD	3	38 27	82 36	551	6P				7A	CORPS OF ENGINEERS
BABOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P				C	UNION COLLEGE
BARSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 26	631	6P				C	ST. JOSEPH PREP SCH
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. HOMER NOLAN
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	E. G. YOUNG
BENTON	0595	HARLAN	2	36 58	82 57	1585	8A				C	C. W. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P				C	JAMES H. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WCL
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD
BLAINESIDE	0752	LAWRENCE	1	38 02	82 50	670	6P				C	A. ENOCH WHEELER
BLEDSOE 2 SSE	0770	HARLAN	4	36 54	83 20	1870	7A				C	MRS. VIRGINIA NOLAN
BONNIEVILLE	0854	HART	3	37 32	87 16	410	7A				C	HAROLD WALTERS
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MIO				C	FED. AVIATION AGENCY
BRENT DAM 36	0978	CAMPBELL	1	39 03	84 25	497	7A				C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	PIKE	3	37 13	82 35	1643	8A				C	ELDRIDGE SKAGGS
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	EDWIN E. JOHNSON
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A				C	MARVIN M. LEE
CALUMNET LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	ALVA M. KINLEY
CANTYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6P				C	CORPS OF ENGINEERS
CLAY CITY 1 WSW	1756	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNT
CLEMONTE 1 SSE	1811	BULLITT	8	37 55	85 40	474	5P				C	BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	790	7A				C	WOODSON O. FRANKLIN
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	BOONE	3	39 04	84 08	869	MIO				C	U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1969	WHITLEY	3	38 02	84 18	684	7A				C	U.S. WEATHER BUREAU
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A				C	H. MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	K. CARDINAL DAIRY
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	R. P. COLIDRON
DAVELLA	2053	MARTIN	3	37 38	84 46	955	7A				C	MRS. EVA M. DAVIS
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A				C	BALLARD F. WALKER JR
DEMA	2139	KNOX	1	37 25	82 48	850	7A				C	HATTIE B. BARNEY
DIKE DAM	2160	FLOYD	1	37 45	82 47	653	7A				C	CORPS OF ENGINEERS
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P				7A	C
DOUGLAS BARRETT'S FORD BR	2346	MULLENBERG	3	37 05	87 00	592	7A				C	PHILLIP O. THACKER
DUMOR	2361	BRECKINRIDGE	3	37 05	86 13	793	4P				C	JESSE L. HUFF
DYER	2445	LYON	2	37 03	88 05	420	7A				C	N. D. GIVENS
EDDYVILLE LOCK F	2469	METCALFE	3	37 00	85 37	865	7A				C	CORPS OF ENGINEERS
EDMONTON	2528	PIKE	3	37 18	82 21	800	7A				C	JOHN E. MORAN
ELIZABETHTOWN	2528	PIKE	3	37 18	82 21	800	7A				C	RADIO STATION WIEL
ELKHORN CITY	2528	PIKE	3	37 18	82 21	800	7A				C	EDMOND O. BENNETT
ELKTON 2 S	2528	PIKE	3	37 18	82 21	800	7A				C	ST. MARY
FALMOUTH	2775	PENOLETON	5	38 40	84 20	560	6P				C	R. RICHARD ANDERSON
FARMERS	2791	ROMAN	5	38 09	83 33	668	4P				C	FRANK H. LAWSON
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A				C	MRS. C. C. STAMPER
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P				C	MRS. JEAN FLEMING
FORD LOCK 10	2953	MADISON	7	37 28	88 06	356	6P				C	WILLIAM M. FISCHER
FORDS FERRY OAK 50	2961	CRITTENDEN	7	37 28	88 06	356	6P				C	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A				C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	6A				C	MRS. KATIE O. NEAL
FREEBURD 2 SW	3046	PIKE	1	37 33	82 10	730	8A				C	MRS. ALTA S. GOOLIN
FRENCHVILLE	3052	MENEFEE	3	37 38	85 48	860	7A				C	JAMES A. LEVERIDGE
GAMALIEL	3112	MONROE	3	36 38	85 48	860	7A				C	E. GUY OCKARD
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A				C	WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A				C	CORPS OF ENGINEERS
GLASSBORO	3241	BARREN	3	37 00	85 55	780	7A				C	EMILY M. DEAM
GLASSBORO WYAY	3246	BARREN	3	37 00	85 55	800	6P				C	RADIO STATION WKAY
GLENGALE 1 E	3252	HAROLD	3	37 36	85 54	710	7A				C	OWEY S. HILL
GOLDEN POND B N	3295	TRIGG	2	36 54	88 00	593	4P				C	FISH & WOLF REFUGE </td
GRANT DAM 38	3358	BOONE	3	37 59	84 50	503	7A				C	CORPS OF ENGINEERS
GREENSBURG	3610	GREEN	3	37 15	85 30	630	7A				C	HOKARD PICKETT
GREENSBURG HIWAY 61 BR	3435	GREEN	3	37 15	85 30	590	8A				C	ROBERT E. BLAKEMAN JR
GREENUP DAM 30	3443	GREENUP	7	37 37	82 51	538	7A				C	CORP OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P				C	C. R. LOVELL
HALETS MILL	3539	CHRISTIAN	3	37 03	87 20	740	7A				C	CLEATUS E. BRINKLEY
HARTFORD & NW	3652	OHIO	3	37 32	86 54	429	8A				C	DAVID K. CARSON
HAZARD	3709	PERRY	4	37 15	83 12	869	7A				C	H. A. BAILEY
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 12	869	7A				C	L. E. HOGSTON
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P				C	CORPS OF ENGINEERS
HENDERSON 4 SW	3762	HENDERSON	7	37 47	87 37	382	6P				C	FRANK STREET
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A				C	C. W. REATTS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	740	7A				C	MRS. NELL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	86 30	440	7A				C	TVA-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 45	84 43	544	6A				C	UNITEO FUEL GAS CO
HINDMAN SETTLEMENT SCH	3899	KNOX	2	37 00	82 59	1080	8A				C	FLOYD G. ROBBINS
HOPKINSVILLE	3929	LARUE	3	37 32	85 44	788	7A				C	JAMES O. HALONEY
HYOEN	3994	CHRISTIAN	2	36 51	87 30	540	7A				C	HOBART ISON
INEZ	4039	LESLIE	4	37 10	83 23	-	6P				C	MRS. FERN F. ELAM
IRVINGTON	4134	MARTIN	1	37 52	82 32	638	6P				C	UNITEO FUEL GAS CO
JACKSON	4165	BRECKINRIDGE	3	37 53	86 17	646	7P				C	FLOYD G. ROBBINS
JEREMIAH	4196	BREATHITT	4	37 33	83 23	795	7A				C	JAMES O. HALONEY
KEENE 1 NNE	4255	LEITCHER	4	37 10	82 56	1150	5P				C	HOBART ISON
KENTUCKY DAM	4369	JESSAMINE	4	37 57	84 38	941	7A				C	HUGH W. BUFFIN
LA GRANGE 1 SW	4414	LIVINGSTON	9	37 01	88 16	362	5A				C	TVA-379-A
LANCASTER	4595	OLAHAM	7	38 24	85 24	874	6A				C	ALBERT V. HAROIN
LEITCHFIELD	4620	GARRARD	4	37 37	84 35	1032	8A				C	KENTUCKY WIL CO
LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MIO				C	CLOYE STEINLEATHER
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A				C	U.S. WEATHER BUREAU
LICKPORT LOCK 2	4825	JESSAMINE	4	37 45	84 35	560	7A				C	LICKPORT LOCK 2
LOGLOCK 1 S	4857	HENRY	8	38 24	84 58	485	6A				C	LOGLOCK 1 S
LONDON 3 W	4882	CLARK	4	37 51	84 02	773	7A				C	LONDON 3 W
LONDON 3 W	4893	LAUREL	2	37 08	84 02	1277	7A				C	LONDON 3 W
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	MIO				C	LONDON FAA AP
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A				C	LOUISA
LOUISVILLE	4946	LAWRENCE	1	38 07	82 36	585	8A				C	LOUISVILLE
LOUISVILLE BOWMAN FLO	4949	JEFFERSON	7	38 14	85 46	462	6P				C	LOUISVILLE BOWMAN FLO
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MIO				C	LOUISVILLE WB AP
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A				C	LOUISVILLE UPPER GAGE
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	6P				C	LOVELACEVILLE
MACDONALD 1 SE	5002	BARREN	3	36 53	86 02	738	7A				C	MACDONALD 1 SE
MANMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	5P				C	MANMOTH CAVE PARK
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P				C	MANCHESTER 4 SE
MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P				C	MAYFIELD
MAYSVILLE OAK 33	5255	NOLAN	3	37 38	83 42	515	7A				C	MAYSVILLE OAK 33
MC KEE	5291	JACKSON	2	37 26	84 00	1000	7A				C	MC KEE
MC KINNEYSBURG	5301	PENOLETON	5	38 36	84 16	662	7A				C	MC KINNEYSBURG
META	5370	PIKE	1	37 34	82 27	730	7A				C	META
MIDDLEBORO	5389	BELL										

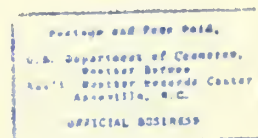


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~~8-2-59~~

U. S. DEPARTMENT OF COMMERCE  
LEWIS L. STRAUSS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY



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APRIL 1959  
Volume LIV No. 4



ASHEVILLE: 1959



KENTUCKY - APRIL 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 8+ at Pikeville

Lowest Temperature: 25° on the 14th at Princeton

Greatest Total Precipitation: 5.41 inches at Freeburn

Least Total Precipitation: 0.91 inch at Eddyville Lock F

Greatest One-Day Precipitation: 1.46 inches on the 10th at Gamaliel

Greatest Reported Total Snowfall: 5.0 inches at West Liberty

Greatest Reported Depth of Snow on Ground: 2 inches on the 13+ at  
Flemingsburg

SPECIAL WEATHER SUMMARY

The effect of two consecutive months of deficient precipitation was of considerable concern to Kentucky farmers by the end of April. All sections of the state received well below normal precipitation during the month of March with a similar shortage of precipitation persisting through April in the Western Section, in all but the southern fringe of the Central Section, and in all but the southern portion of the Blue Grass Section. The April dry area covered virtually all of Kentucky north and west of a line from Ashland through Berea to Tomkinsville. The Eastern Division was dry through March, however, most of this division recorded April precipitation near to slightly above the long term April expectancy. Accumulated precipitation deficiencies for the March-April period averaged 5.65 inches below normal for the Western Division, 4.38 inches below normal for the Central Division, 3.61 inches below normal over the Bluegrass Division and 1.40 inches below normal

over the Eastern Division. Greatest deficiencies were in the Western Division where several stations recorded total precipitation of less than three inches for the March-April period. Paducah total precipitation for the two months was only 2.49 inches, or 7.17 inches below their expectancy for the same period.

Ground preparation for Spring seedings advanced rapidly during the month and was ahead of normal averages by the close of April. Reduced soil moisture slowed normal vegetative growth in Western and Central Sections with strawberries and tobacco plant beds affected during critical periods in their growth cycle. Many farmers in western and northern Kentucky were watering tobacco plant beds to keep the young plants growing during the last part of April.

O. K. Anderson  
State Climatologist  
U. S. Weather Bureau  
Louisville, Kentucky



## CLIMATOLOGICAL DATA

KENTUCKY  
APRIL 1959

Station	Temperature												Precipitation												
	Average Maximum	Average Minimum	Average	Extreme from Long Term Means	Highest	Dew	Lowest	Dre	Days in Ice	No. of Days				Total	Extreme from Long Term Means	Chances	Days	Snow (feet)			Days of Ice				
																		Total	Days	Max. Rain in 24 Hours	Days	Max. Snow in 24 Hours	Days	Max. Ice in 24 Hours	Days
										1st Above	2nd Above	3rd Above	4th Above												
WESTERN																									
BEAVER OAM	70.9M	46.1M	58.5M		86	30+	29	14	218	0	0	3	0	1.27		.38	1	.0	0				6	0	0
BENTON 2					87	30	34	23	198	0	0	0	0	.92	- 3.21	.36	2	.0	0				3	0	0
FOROS FERRY OAM 50	70.7	47.3	59.0		85	30+	26	14	220	0	0	3	0	3.04		.93	9	.0	0				6	2	0
GOLDEN POND 8 N	71.1	45.4	58.3		85	30	30	23	215	0	0	1	0	1.91	- 2.39	.40	1	.0	0				8	0	0
GREENVILLE 2 W	70.2	47.3	58.8	1.7	85	30	30	23	215	0	0	1	0	1.91	- 2.39	.40	1	.0	0				8	0	0
HENDERSON 4 SW	70.3	47.2	58.8	1.9	87	30	34	23	213	0	0	0	0	1.21	- 3.29	.39	28	.0	0				4	0	0
HICKMAN 1 E	68.1	45.8	57.0		86	30	32	14	252	0	0	1	0	2.96		1.25	20	.0	0				4	2	1
HOPKINSVILLE	70.0	45.5	57.8	.1	88	9+	31	14	234	0	0	1	0	2.49	- 1.68	.78	28	.0	0				5	2	0
LOVELACEVILLE	71.5	46.7	59.1	.7	87	30	28	14	202	0	0	4	0	1.46	- 3.01	.50	9	.0	0				5	1	0
MADISONVILLE 1 SE	70.7	47.7	59.2		85	30	36	14+	198	0	0	0	0	1.07		.39	2	.0	0				3	0	0
MAYFIELD	70.0	48.3	59.2		86	30	31	14	199	0	0	1	0	2.34		.95	20	.0	0				5	2	0
MURRAY	70.1	47.5	58.8	.1	85	30	31	14	203	0	0	1	0	2.60	- 1.61	.84	20	.0	0				6	2	0
OWENSBORO 2 W	70.5	46.5	58.5	2.0	87	30	33	14	208	0	0	0	0	1.39	- 2.73	.55	2	.0	0				5	1	0
PADUCAH FAA AIRPORT	68.8	46.5	57.7		86	30	33	14	241	0	0	0	0	1.35		.40	8	.0	0				5	0	0
PADUCAH	72.2	48.0	60.1		88	30	31	14	182	0	0	2	0	1.40	- 2.98	.68	1	.0	0				5	1	0
PRINCETON	71.5	45.0	58.3	.4	87	30+	25	14	219	0	0	3	0	1.39	- 2.72	.46	1	.0	0				5	0	0
RUSSELLVILLE	71.5	44.8	58.2	.9	87	7	28	14	230	0	0	4	0	3.38	- .59	.82	28	.0	0				6	3	0
DIVISION			58.6	.9										1.89	- 2.30			.0							
CENTRAL																									
ANCHORAGE	68.9	43.2	56.1	1.8	85	7	28	14	276	0	0	4	0	1.20	- 2.89	.47	18	T	0				4	0	0
BAROSTOWN S J PREP SCH	70.8	46.2	58.5		85	30	30	23	221	0	0	2	0	2.22		.52	12	.0	0				6	1	0
BONNIEVILLE	69.7	43.8	56.8		84	30+	27	14	258	0	0	4	0	2.99		.65	9	.0	0				9	1	0
BOWLING GREEN FAA AP	68.8	44.7	56.8	- 1.5	84	30+	31	14	254	0	0	2	0	3.60	- .44	1.08	9	.0	0				6	4	1
CAMPBELLSVILLE	69.8	46.2	58.0		84	7	32	23+	226	0	0	2	0	3.15		.93	9	T	0				8	2	0
CLERMONT 1 SSE	71.0M	43.9M	57.5M		85	30	29	23	242	0	0	4	0	1.99		.47	18	.0	0				6	0	0
ELIZABETHTOWN	69.9M	42.9	56.4M		82	30	28	15	263	0	0	4	0	1.54		.46	3	.0	0				4	0	0
GLASGOW WKAY	69.3	45.1	57.2		82	30+	27	14	246	0	0	4	0	3.18		.88	9	.0	0				8	2	0
GREENSBURG	68.7	43.9	56.3	- .3	85	8	29	14	279	0	0	4	0	3.29	- .53	.94	10	.0	0				8	1	0
IRVINGTON	70.0	45.9	58.0	1.4	85	30+	30	14	237	0	0	2	0	1.37	- 2.65	.44	1	.0	0				4	0	0
LEITCHFIELD	69.7	47.2	58.5	1.7	85	7	35	14	216	0	0	0	0	1.44	- 2.75	.52	2	.0	0				6	1	0
LOUISVILLE	72.0	48.6	60.3		88	30	37	12	183	0	0	0	0	1.48		.60	1	.0	0				4	1	0
LOUISVILLE WB AP	70.4	47.0	58.7	2.7	87	7	34	23	222	0	0	0	0	1.68	- 2.33	.57	18	.0	0				5	1	0
MAMMOTH CAVE PARK	69.5	44.2	56.9		84	7	28	23	250	0	0	4	0	3.04		.83	9	.0	0				10	1	0
ST JOHN BETHLEHEM ACO	67.1	43.1	55.1	- .4	84	8	32	4	301	0	0	1	0	1.81	- 2.53	.58	2	.0	0				5	1	0
SCOTTSVILLE	70.4	47.4	58.9		84	30+	30	14	206	0	0	2	0	2.98		.84	9	.0	0				5	3	0
SUMMER SHADE	69.2	43.0	56.1		84	7	27	14	272	0	0	4	0	3.37		1.37	9	T	0				9	1	1
WOLF CREEK OAM	69.4	39.2	54.3		85	8	26	14	328	0	0	8	0	4.04		1.28	10	.0	0				10	2	1
DIVISION			57.2	.7										2.47	- 1.59			T							
BLUE GRASS																									
BEREA COLLEGE	71.5	45.5	58.5	1.7	85	8+	32	23+	219	0	0	2	0	3.94	.13	.99	9		0				10	3	0
CARROLLTON LOCK 1	70.0	44.0	57.0		83	25+	29	23	256	0	0	2	0	.99	- 2.76	.35	2	.0	0				5	0	0
COVINGTON WB AIRPORT	66.2	44.9	55.6	3.5	80	7+	34	23+	292	0	0	0	0	2.33	- 1.26	.96	27	.6	0				4	2	0
CYNTHIANA 2	66.5	41.5	54.0		83	9	27	23	331	0	0	5	0	2.82		.68	2	1.1	0				8	2	0
OANVILLE	66.9	45.0	56.0		85	8	33	14+	281	0	0	0	0	3.66	- .14	1.43	10	.3	0				7	2	1
OIX OAM	70.1	45.6	57.9		83	30	33	23+	229	0	0	0	0	2.79		.93	10		0				7	2	0
FALMOUTH	70.1	41.0	55.6		84	8+	28	23+	287	0	0	7	0	2.34	- 1.61	.83	2	T	0				6	2	0
FARMERS	70.9	41.9	56.4	1.2	85	2+	27	14	268	0	0	6	0	3.34	- .56	.93	10	T	0				10	2	0
FLEMINGSBURG 2	68.8	42.5	55.7		84	8+	30	14	285	0	0	6	0	3.51		.80	2		0				9	3	0
FRANKFORT LOCK 4	66.6	41.6	54.1	- .9	82	9+	29	23	332	0	0	4	0	2.25	- 1.84	.52	2	T	0				7	1	0
LEXINGTON WB AIRPORT	66.1	45.4	55.8	1.3	81	8+	33	14+	284	0	0	0	0	2.99	- .77	.81	9	.4	T			13+	6	2	0
MAYSVILLE OAM 33	67.3	40.5	53.9	- .2	84	9+	31	23+	336	0	0	5	0	3.18	- .66	.79	28	T	0				7	4	0
MOUNT STERLING	69.3	44.7	57.0		83	8+	32	13	247	0	0	1	0	3.30	- .80	.98	9		0				8	2	0
RICHMOND	66.8	43.0	54.9		83	8	30	23	308	0	0	3	0	3.21		1.27	10	.5	1			13	8	2	1
SHELBYVILLE 2 W	69.3	43.8	56.6	1.9	83	7	31	23+	267	0	0	3	0	1.64	- 2.69	.53	2	T	0				6	1	0
WILLIAMSTOWN 5 WSW	66.2	41.9	54.1	- 1.0	82	8	30	24	332	0	0	4	0	1.79	- 2.23	.69	2	T	T			12	6	1	0
DIVISION			55.8	.5										2.76	- 1.13			.2							
EASTERN																									
ASHLAND OAM 29	69.6	44.1	56.9	.7	87	8	34	16+	245	0	0	0	0	3.53	.11	.95	10	T	0				8	3	0
BARBOURVILLE	72.1M	42.1M	57.1M		85	8	27	14	260	0	0	7	0	5.22		.97	12	T	0				12	6	0
BAXTER	68.3	39.7	54.0		84	9	29	15+	331	0	0	10	0	3.75		.75	13	T	T			14	12	2	0
BENHAM	68.2	39.9	54.1		85	9	28	24+	335	0	0	10	0	4.89		1.40	13	1.0	1			14	11	4	1
BLAINE	70.7	39.7	55.2		87	8	27	15	290	0	0	11	0	4.78		1.16	10	2.0	0				10	2	1
DEWEY OAM	68.7	39.1	53.9		87	9+	28	5	334	0	0	9	0	4.17		.75	12	1.0	0				11	2	0
GRAYSON 1 SE	71.7	40.3	56.0		85	9+	27	14	276	0	0	9	0	4.24	.76	1.23	10	.0	0				10	3	1
HEIOELBERG LOCK 14	68.8	40.8	54.8		88	9	28	15+	309	0	0	8	0	4.56		.79	12		0				11	4	0
HINOMAN SETTLEMENT SCH	72.1	39.7	55.9		89	8	28	24+	275	0	0	7	0	4.48		1.30	3	.0	0				8	3	2
INEZ																									
LONDON FAA AIRPORT	67.4	42.0	td																						



# CLIMATOLOGICAL DATA

KENTUCKY  
APRIL 1959

CONTINUED

Station		Temperature											Precipitation													
		Average Maximum	Average Minimum	Average	Deviation From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Deviation From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days				
											Max.	Min.	90° or Above	32° or Below					32° or Below	0° or Below	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
PIKEVILLE		73.2	45.2	59.2		90	8+	33	14+	195	2	0	0	0	4.76	1.39	1.16	19	T	0		11	4	2		
SOMERSET 1 N		68.3	43.2	55.8		83	7	30	23+	281	0	0	6	0	3.92		.76	9	T	0		9	5	0		
VANCEBURG OAM 32		69.5	43.2	56.4		85	8+	31	14	262	0	0	1	0	3.45	.26	.74	10	.0	0		9	3	0		
WEST LIBERTY		67.5	40.4	54.0		85	9+	26	15+	335	0	0	7	0	3.66		1.36	10	5.0	1	12	9	1	1		
WILLIAMSBURG 2	AM AM	70.5	42.2	56.4	- 1.1	87	9	29	14	266	0	0	5	0	4.65	.98	.87	11	.0	0		10	5	0		
DIVISION				56.0	- .6										4.35	.77			.5							

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	20	11.8	35	WSW	28+	62	70	47	50	7	6	2	2	0	0	17	-	7.7
LEXINGTON WB AIRPORT	S	18	13.1	-	-	-	71	75	55	57	1	8	4	2	0	0	15	-	6.8
LOUISVILLE WB AIRPORT	SW	12	12.0	40	SW	28	66	74	47	47	8	5	4	1	0	0	18	58	6.7

See Reference Notes Following Station Index



# DAILY PRECIPITATION

KENTUCKY  
APRIL 1959

Station	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADRIAN DAM 4 1/2	1.37	.55	T	.01						.04	.07	.12	.01							.17	.12	.04	.01							.26	.03		
ADOLPHUS 1 N	3.22	.19								.04	.95	.10	.14	T						.01	.05	.95	.05							.32	.18		
ALBANY 4 N	4.04	.78		.16							1.13	.23	.16	.14	.06						.12	.55		.15	.07					.28	.05		
ALLEN	4.94										1.20	.40	.78	.47	.13						.01	.01							.16	.35			
ANCHORAGE	1.20	.71	T							.17			.26							.47									.07				
APIX 2 NE	1.86	.58	.02							.24	.08	.13	.02							.10	.02	.26								.41			
ASHLAND DAM 29	1.58	.32	T	.12						T	.95	.44	.1	.56	.14						.01	.14							.40	.03			
BAIRDVILLE	3.22	.74	.42	.04						.10	.98	.49	.97	.15	.02					.11	1.02	.24	.06						.26				
BARDSTOWN 5 J PHILIP SCH	2.22	.28	.31	.04						.44	.01	.52	.09							.10	.04	.12							.11				
BAXTER	1.74	.30	.04	.40						.10	.30	.35	.74	.12							.38	.70	.25	.25	.10				.05	.05			
BEAVER DAM	1.27	.38	.04							.11			.19							.25	.04	.10							.04	.11			
BENHAM	4.80	.10	.44	.03	.60						.05	.57		1.40	.15						.18	.52	.11	.30	.16				.04	.02	.01		
BENTON 2																				.08	.35	.17							.19				
BEEBA COLLIGE	5.94									T	1.42	.27	.20	.26	.12						.11	.41	T						.21	.06	.18		
BEEBA WATER WORKS	4.01	.73	T	.24																									.35	.26			
BLAINE	4.78		.16	.18						.26	1.16	.40	.94	.30	.02						.07	.20		.08									
BLEDSOE 2 SSE																																	
BONNIEVILLE	2.99	.26	.20							.65	.02	.45	.07							.20	.45	.14	T						T	.10	.45		
BOWLING GREEN	5.01	.54								.05	.87	.38	.05									.03	.38							.57	.15		
BOWLING GREEN SUBSTA	2.86	.48								.15	.82		.28	.12	.02															.60	.04		
BOWLING GREEN FAA AP	3.60	.65	T							.05	1.08	T	.34	.02						T	.02	T	.58	.02					T	.40	.24		
BRENT DAM 3A	1.69	.53	.01		.02					.06	T		.09								.07	.15							T	.66	.01	.02	
BROWNSVILLE LOCK 6	2.94	.42	T							T	.47	.34	T																	.26			
BURDINE 2 NE	4.62	.36		.65						T	.16	.32	.76	.50	.21							.26			.32	.64				.04	.40		
BURKESVILLE	4.16	.63	T	.21						T	1.30	.13	.54	.06								.10	.68	.12	T					.29	.12		
CAO12 LOCK E	1.71	.46								.16	.10	.35	.01									.27								.34			
CALHOUN LOCK 2	1.32	.41	T							.22	.01	.20	.02								.21	.01	.06						T	.26			
CAMPBELLVILLE	3.15	.04	.13	T						.93	.30	T	.33	.09							.61	.29	.15	.02						.20			
CANEYVILLE	2.11	.80	T							.18	.15	.21	T								.27	.16	.12	.02						.15	.05		
CARROLLTON LOCK 1	.99	.35		.15						.01	T		.10	.05								.10	.03	T									
CLAY CITY 1 WNW	3.40	.92	T							.04	1.30	.15	.27	.08	.09						.47	.06	.05							.01			
CLERMONT 1 SSE	1.99	.18	.20	T						.21	.05	.43	.04									.29	.15								.48		
COBB	1.82	.33								.40	.15	.29										.17									.10	.04	
COLLEGE HILL LOCK 11	3.15	.61								.03	.99	.14	.05	.33	.10						.02	.17	.55	T					T	.96	.12	.03	.01
COVINGTON WB AIRPORT	2.33	.77	T	.06						.06	T		.06	T							.06	.20	T										
CUMBERLAND FALLS ST PK	5.21	.92	.40							.04	.95	.45	1.02	.11	.03							.20	.30	.36	.17					.43	.15		
CYNTHIANA	2.63	.66		.08						.06	.53		.16	.24							.01	.26	.07							.38	.12		
CYNTHIANA 2	2.82	.68		.10						.06	.57	.23	.34									.27	.34							.10	.08		
DANVILLE	3.66	.75		.05						.05	1.43	.05	.21	.25	.08							.58	.12	.42	.48								
DELPHIA 1 E	4.27	.31									.52	.60		.37																			
DEWEY DAM	4.17	.56	.02	.23						.48	.25	.75	.49	.22							.22	.49			.20					.18	.08		
DIX DAM	2.79	.74		.01						.05	.93	.01	.22	.21							.23	.11								.09	T	.19	
DOONDEE BARRETT'S FORD BR	1.77	.77	.02							.10	.04		.25								.36	.10	.05							.82			
DOONOR	2.29	.54								.25											.52	.04	.12	T						.12			
DOOTYVILLE LOCK F	.91	.18								.35	T		.14	T																			
EDMONTON	3.50	.35		.15						.10	1.10	.10	.40								.10	.10	.50							.55	.15		
ELIZABETHTOWN	1.54	.02	.11	.46	T					.05	T		.42								.31	.04	.06							.07			
ELKHORN CITY	4.95	.12	.20	.82						.18	.36	.70	.52									.22								.20	.36		
ELKTON 2 S	2.55	.32	T							.35	.22	T	.30	T							.04	T	.50	.04						.78			
FALMOUTH	2.34	.63		.02						.12	.08	T	.14	.24								.51	.02	T						.38	T		
FARMERS	3.34	.41	T	.10						.02	.93	.11	.13	.29	.11						.04	.12	.14							.37	.02		
FLEMINGSBURG	3.78	.85	.05							.04	.84	.27	.57	.04								.18	.01	.13						.32	.50		
FLEMINGSBURG 2	3.51	.80	.04							.70	.22	.40	.11								.18	.01	.13							.16	.18		
FORD LOCK 10	2.66	.29		T						T	1.04	.03	.03	.45	.05							.15	.25	.03						.24			
FORDS FERRY DAM 50	.92	.36	T							.22	.01	T	.02																				
FRANKFORT LOCK 4	2.25	.52	T	.04						.10	.36		.28	.19	T																		



# DAILY PRECIPITATION

CONTINUED

KENTUCKY  
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APRIL 1959

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OLNEY	1.21		.46							.27	.01		.17							.02		.07											
ONEIDA	4.18		.39							.69		.59	.52		.78	.20					.12	.12											
ONEONTA DAM 35	2.50	T	.72		.12					.05	.06	T		.10						.19	.11	.20											
DWENSBORO 2 W	1.39		.55							.30			.18							.16	.10												
DWENSBORO DAM 46	1.37		.62		.02					.24	.02	T	.15	.02						.15	.08												
PAQUAH FAA AIRPORT	1.35	.38						.40	.04	T	T		.04	T					T	T	.05	.15	T										
PAQUAH	1.40	.68								.32			T								.10												
RAINTSVILLE	4.35		.35		.32						.52	.54	.33	.82	.27						.12	.20											
PIKEVILLE	4.76		.33	.52						T	.12	.25	1.03	.21						.01	1.16	.07	.18	.58	.02								
RINEVILLE	4.02		.45	.03	.53						.07	.34	.65	.54	.15						.60	.32	.04	.15	.05								
RRINCEYTON	1.39	.46								.43			.20																				
RAVENNA LOCK 12	3.20		.42		.22						1.08	.25	.25	.28							.13	.42											
RICHMOND	3.21		.62		.02						1.27	.08	.27								.18	.35											
ROCHESTER LOCK 3	1.72		.57	.02						.23	.08	.03	.23	.02						.15													
RUSSELLVILLE	3.38		.79							.33	.35		.36								.69	.04											
RUSSELLVILLE SUBSTA	3.18		.70	.07	T					.30	.25	.35								.05	T	.59											
ST JOHN BETHLEHEM ACAD	1.81		.58							.12	.18	.30		.08						.04	.41	.08											
SALVISA LOCK 6	3.12		.66	T	T					.09	.67	.02	.30	.33	.03					.02	.23	.30											
SALYERSVILLE 2 SE	5.04		.27		.36		.06				.85	.62	.49	.62	.19						.24	.36											
SCOTTSVILLE	2.98	.09								.84	.23		.40	.04						.08	.03	.54	.05										
SEBREE																																	
SHAWNEE STEAM PLANT	1.00	.07	.26							.22			.01																				
SHELBYVILLE 2 W	1.64		.53	.01						.10	.07		.27	T						.04	.36	.10											
SHERBROOKVILLE	1.78		.52		.05					.10	.08		.35	.02						.16	.16	.11											
SOMERSET 1 N	3.92		.58	.26						.76	.63	.01	.63	.13						.12	.04	.20	.03										
SRRINGFIELD	2.78		.34							.12	.70	.33	.14								.22	.42	T										
STEARNS	5.01		.61		.34						.82	.58	.66	.18	.04					T	.26	1.15	.07	.05									
SUMMER SHADE	3.37		.36							1.37	.15	.24	.20							.13	.05	.34	.10										
SUMMER SHADE SUBSTA	3.39		.41		.05					.20	1.16	.13	.28	.08	.02						.08	.50	.04										
TAYLORSVILLE	1.89		.52		.04						.21		.40	.12						.04	.36	.04											
TURKEY CREEK SCHOOL	2.07		.41		.01					.36	.12		.36	.02						T		.42	.01										
TYRONE LOCK 5	2.85		.70		.05					.06	.75	T	.23	.28	.03					T	.52	.08	T										
UNIONTOWN DAM 49	1.23		.38	T						.11	.05	.02	.05							.01	.01	.09	T										
VALLEY VIEW LOCK 9	2.39		.32		.03					.06	1.11	.02	.21	.20	.02					T	.11	.14	.01										
VANBUREN																																	
VANCEBURG DAM 32	3.45		.59		.13					.11	.74		.11	.46	.04						.13	.07											
WAYNESBURG 7 NE	3.93		.64		.26						1.28	.23	.32	.23	.18	T					.12	.37	.03										
WEST LIBERTY	3.46		.33		.22					T	1.36		.36	.39	.11						.07	.23	T										
WILLIAMSBURG 2	4.65		.42		.51						.53	.87	.53	.35	.08					.02	.41	.61	.05	.11	.04								
WILLIAMSTOWN 5 WSW	1.79		.69	T	T					.16	.11	T	.25	T							.24	.05											
WILLOW LOCK 13	3.81		.23		.24						1.15	.60		.91	.07						.12	.28											
WOLF CREEK DAM	4.04		.73		.27						1.28	.16	.30	.27	.02						.12	.46	T	.12									
WOODBURY LOCK 4	2.58		.82							.28	.20		.22	.02						.15	.04	.24											

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figuree and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- And also on an earlier date or dates.
- Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

KENTUCKY  
APRIL 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	79	63	62	62	77	69	85	81	73	56	52	47	54	64	70	73	80	69	70	64	58	62	67	74	82	78	70	68	77	82	68.9	
	MIN	47	41	44	31	38	38	40	64	44	45	40	35	37	28	31	16	47	59	52	46	37	37	29	36	52	58	65	50	42	47	43.2	
ASHLAND DAM 29	MAX	86	77	67	60	76	71	86	87	77	53	53	49	38	65	70	75	79	73	74	65	56	53	64	74	82	79	72	75	78	69.8		
	MIN	44	45	42	30	37	50	35	57	52	47	48	34	34	34	34	14	19	51	55	49	42	42	39	35	44	50	59	59	48	47	44.1	
BARBOURVILLE	MAX	81	78	65	62	75	76	84	85	84	64	60	50	40	60	70	75	80	78	80	76	52	67	74	75	82	80	79	78	82	72.1		
	MIN	39	41	33	30	29	52	32	52	60	52	50	38	34	27	28	31	35	49	53	45	34	30	40	60	61	60	59	40	41	42.1		
BARDSTOWN S J PREP SCH	MAX	81	71	64	65	76	74	84	83	78	57	56	56	53	64	70	73	81	76	72	67	61	67	75	81	76	73	71	78	85	70.8		
	MIN	52	41	50	34	43	45	41	69	46	46	41	36	35	32	33	40	52	59	51	51	40	37	30	38	57	67	65	58	47	51	46.2	
BAXTER	MAX	76	81	51	61	60	72	70	82	84	76	72	58	42	40	60	69	74	80	65	73	80	55	46	65	73	80	78	75	76	75	68.3	
	MIN	35	41	32	33	29	30	30	31	52	58	52	41	33	29	29	31	33	36	51	56	51	46	36	31	33	39	39	55	59	40	41	39.7
BEAVER DAM	MAX	76	66	65	67			86	83	78	56	55	51	55	63	72	75	81	78	73	69	59	63	70	77	83	79	73	67	80	86	70.9	
	MIN	54	44	50	33			47	64	43	44	41	39	37	28	31	37	53	59	55	56	44	40	31	39	56	66	63	58	42	47	46.1	
BENHAM	MAX	75	81	59	63	58	70	72	82	85	78	76	55	50	40	58	68	73	78	72	70	77	51	47	64	70	77	78	72	77	73	68.2	
	MIN	34	43	30	34	30	31	28	36	63	57	48	30	32	28	28	30	35	47	55	53	47	42	36	28	37	45	52	60	40	39	39.9	
BENTON 2	MAX MIN																																
BEREA COLLEGE	MAX	83	77	65	63	76	70	85	85	80	55	54	50	54	63	70	74	81	81	73	71	66	59	66	73	82	80	76	73	77	83	71.5	
	MIN	53	40	45	35	44	46	39	62	49	46	44	35	32	33	36	47	46	59	50	55	40	38	32	38	54	62	63	50	46	47	45.5	
BLAINE	MAX	86	80	77	60	75	70	85	87	81	56	55	48	38	64	69	75	81	78	75	68	60	51	67	75	78	81	72	75	75	80	70.7	
	MIN	36	42	32	32	28	46	28	47	49	47	40	32	32	28	27	30	32	44	47	54	42	38	40	29	43	45	56	55	48	41	39.7	
BONNIEVILLE	MAX	79	67	65	65	76	72	84	81	75	57	54	49	52	63	70	72	80	72	70	70	62	61	68	73	80	76	71	69	77	84	69.7	
	MIN	44	43	43	30	39	41	37	65	45	45	42	38	35	27	28	35	45	58	50	55	43	37	29	33	54	63	63	60	40	46	43.8	
BOWLING GREEN FAA AP	MAX	78	64	65	68	76	70	84	81	62	56	52	46	53	64	69	72	78	67	74	74	53	62	66	73	81	75	69	71	76	84	68.8	
	MIN	48	45	40	35	39	47	42	60	45	46	44	38	36	31	32	47	47	54	52	51	40	40	33	37	58	57	62	49	45	50	44.7	
CAMPBELLSVILLE	MAX	80	67	64	64	75	74	84	82	77	56	54	48	52	62	68	71	80	74	71	71	63	62	68	73	81	76	70	69	75	83	69.8	
	MIN	52	42	50	33	41	47	45	65	47	47	43	37	34	32	33	40	45	59	52	57	43	38	32	36	57	62	63	62	43	50	46.2	
CARROLLTON LOCK 1	MAX	79	64	64	61	76	72	83	82	78	56	56	50	51	66	70	73	79	75	78	65	56	59	67	74	83	80	76	69	77	82	70.0	
	MIN	43	42	46	38	36	43	37	66	45	45	42	35	37	36	32	37	48	60	55	44	38	39	29	35	57	51	60	52	48	44	44.0	
CLERMONT 1 SSE	MAX	80	65	64	64	76	75	84	82	79	67	57	50	54	66	70	74	80	77	72	70	58	63	71	75	81	73	68	79	85	71.0		
	MIN	51	42	40	31	39	42	37	67	46	46	41	36	35	30	31	37	49	57	50	49	41	38	29	36	57	66	55	45	49	43.9		
COVINGTON WB AIRPORT	MAX	80	57	61	57	74	65	80	78	71	53	50	41	51	63	68	71	79	68	67	49	57	60	65	72	79	78	69	69	74	79	66.2	
	MIN	51	40	42	35	42	42	44	64	47	44	40	34	34	35	38	45	54	59	47	40	37	39	34	42	57	58	58	49	48	48	44.9	
CYNTHIANA 2	MAX	75	80	61	63	59	73	65	82	83	55	55	53	38	50	65	67	71	79	62	72	61	57	60	67	72	81	71	71	73	74	66.5	
	MIN	40	41	43	33	33	40	49	49	55	47	45	34	34	30	28	32	37	54	51	47	39	39	27	32	44	47	62	60	46	43	41.5	
DANVILLE	MAX	76	80	61	64	62	73	66	85	82	58	54	49	37	48	63	68	73	79	65	71	68	52	61	66	75	81	75	68	70	76	66.9	
	MIN	42	41	41	38	40	45	41	46	57	46	44	35	33	33	36	42	47	55	54	55	40	38	35	41	50	52	63	62	47	50	45.0	
DEWEY DAM	MAX	78	87	55	59	61	76	68	86	87	73	57	54	39	37	64	70	75	79	71	76	75	51	49	66	77	79	83	76	78	74	68.7	
	MIN	35	38	32	38	28	47	30	30	54	52	50	38	33	31	31	31	33	35	35	54	45	41	41	31	31	47	47	54	40	40	39.1	
DIX DAM	MAX	80	77	65	61	75	70	82	80	80	55	57	55	48	62	67	71	78	77	71	70	65	60	65	72	81	75	74	72	75	83	70.1	
	MIN	49	40	46	36	41	46	39	61	48	46	44	33	34	34	35	39	45	59	55	52	40	40	33	40	51	61	64	62	47	49	45.6	
ELIZABETHTOWN	MAX	70	60	60	60	72	72	81	79	70				55	65	70	72	77	70	72	65	58	61	67	74	78	79	72	70	77	82	69.9	
	MIN	50	40	49	29	36	39	39	61	44	44	41	36	35	29	28	33	43	58	48	51	41	37	29	33	58	60	60	57	37	43	42.9	
FALMOUTH	MAX	82	62	65	62	77	73	84	84	77	54	54	50	50	66	71	75	80	75	71	65	57	60	68	74	82	80	74	74	77	81	70.1	
	MIN	39	43	40	31	32	40	33	58	49	46	44	34	36	28	29	32	37	58	54	45	37	36	28	32	46	47	61	54	41	41	41.0	
FARMERS	MAX	85	85	64	59	75	72																										



# DAILY TEMPERATURES

KENTUCKY  
APRIL 1959

CONTINUED

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEXINGTON W8 AIRPORT	MAX	80	58	61	61	73	63	81	81	68	55	51	40	47	62	66	70	78	64	69	61	53	59	64	71	80	75	69	70	74	80	66.1	
	MIN	55	41	41	35	42	44	43	62	47	46	40	33	33	33	38	43	51	57	53	44	40	38	38	43	55	59	62	48	47	51	45.4	
LONDON FAA AIRPORT	MAX	79	58	60	60	74	69	83	83	71	57	52	44	40	59	68	72	77	63	72	77	52	56	66	72	82	77	70	73	74	81	67.4	
	MIN	45	40	39	33	32	40	37	56	52	51	44	33	30	28	29	34	38	56	54	51	43	36	29	32	43	58	63	47	41	47	42.0	
LOUISVILLE	MAX	81	64	64	66	79	74	86	84	79	58	55	49	55	67	72	76	83	77	72	69	59	62	70	78	85	81	76	70	81	88	72.0	
	MIN	53	46	49	40	46	48	45	65	46	44	40	37	38	41	39	48	55	60	57	48	40	42	40	43	60	63	66	54	51	54	48.6	
LOUISVILLE W8 AP	MAX	81	63	63	66	80	68	87	84	65	56	51	44	54	66	74	78	84	71	72	61	59	62	71	79	85	81	71	69	80	86	70.4	
	MIN	49	42	43	38	44	45	44	65	45	44	41	37	40	40	37	44	55	71	55	45	40	42	34	40	59	63	66	51	51	53	47.0	
LOVELACEVILLE	MAX	75	71	67	67	80	77	85	82	74	59	54	50	57	66	70	75	78	75	77	70	59	63	70	78	80	76	71	73	80	87	71.5	
	MIN	57	40	57	31	44	50	52	59	41	41	37	40	33	28	32	39	55	62	55	53	44	44	31	43	60	60	63	59	41	50	46.7	
MADISONVILLE 1 SE	MAX	77	66	66	72	77	76	84	82	77	53	55	51	54	63	69	73	80	78	72	72	58	60	68	75	80	77	73	69	79	85	70.7	
	MIN	53	43	55	40	44	47	48	64	43	42	40	38	36	36	38	42	51	60	52	55	44	40	37	46	59	63	66	54	43	51	47.7	
MAMMOTH CAVE PARK	MAX	77	64	64	65	76	75	84	82	75	55	55	51	54	64	68	71	80	78	70	65	58	58	69	74	80	75	73	68	78	80	69.5	
	MIN	52	43	38	31	48	45	42	62	44	44	41	34	36	30	29	37	50	57	49	53	42	36	28	34	56	63	61	53	42	45	44.2	
MANCHESTER 4 SE	MAX	83	78	64	63	77	74	85	87	82	63	60	50	38	62	70	75	81	80	76	78	73	51	67	75	84	80	76	75	76	88	72.4	
	MIN	39	43	34	33	29	55	31	51	60	52	49	37	34	30	29	31	36	47	56	56	46	44	38	31	40	54	56	59	41	43	42.8	
MAYFIELD	MAX	73	70	67	67	72	77	83	80	75	55	54	51	56	65	68	71	80	73	77	71	60	61	67	76	78	74	72	70	78	86	70.0	
	MIN	57	41	59	35	46	52	55	62	42	41	38	39	37	31	36	45	57	54	55	54	43	42	34	46	59	65	62	59	44	58	48.3	
MAYSVILLE OAM 33	MAX	76	84	57	64	60	76	63	83	84	63	54	53	41	48	65	69	72	81	65	71	59	56	60	65	72	81	78	71	73	74	67.3	
	MIN	40	42	41	35	34	37	33	33	59	47	46	38	33	31	31	31	37	38	56	46	40	35	31	32	36	44	61	58	46	45	40.5	
MIDDLESBORO	MAX	80	74	65	64	73	74	80	83	81	72	64	54	42	62	69	73	78	75	70	82	78	52	67	71	79	77	77	79	75	83	71.8	
	MIN	39	44	34	36	29	51	31	59	67	58	52	40	36	29	28	32	35	50	57	52	48	46	34	30	39	52	64	63	40	40	43.8	
MONTICELLO	MAX	80	70	63	63	73	70	83	82	74	57	55	47	45	60	67	72	81	75	72	78	67	62	64	72	80	76	71	73	74	81	69.6	
	MIN	50	44	43	29	34	52	39	63	53	49	46	37	33	29	29	34	38	59	52	51	44	36	29	34	45	64	65	54	42	47	44.1	
MOUNT STERLING	MAX	83	76	62	58	73	68	83	83	79	55	54	50	45	67	67	71	80	73	71	68	60	64	71	80	76	74	72	74	82	69.3		
	MIN	49	40	43	35	38	45	38	63	48	45	43	34	32	33	36	42	45	58	54	49	40	38	34	40	48	57	62	56	47	48	44.7	
MOUNT VERNON	MAX	82	72	64	62	74	67	84	83	70	55	52	47	44	60	69	72	81	79	73	72	66	59	65	72	82	75	70	71	75	78	69.2	
	MIN	45	40	44	34	34	50	38	64	50	48	39	34	33	30	30	35	39	58	55	54	40	36	30	32	44	62	63	61	41	50	43.8	
MURRAY	MAX	72	70	67	67	79	75	82	81	71	55	52	50	55	64	69	74	80	73	78	65	57	61	69	76	79	78	70	70	80	85	70.1	
	MIN	57	41	56	35	45	53	56	63	43	40	38	40	40	31	35	40	56	62	55	55	45	45	33	41	59	60	62	59	45	45	47.5	
OWENSBORO 2 W	MAX	73	65	64	67	78	73	85	83	76	52	54	49	55	64	70	75	80	73	70	66	62	63	70	79	82	80	73	67	80	87	70.5	
	MIN	56	43	54	36	43	43	47	59	43	43	37	38	39	33	36	39	54	59	56	53	43	41	34	42	53	58	56	62	46	48	46.5	
PAOUCAH FAA AIRPORT	MAX	67	69	66	66	79	74	84	80	49	55	52	48	55	64	69	73	79	73	76	59	58	61	68	77	80	76	70	71	79	86	68.8	
	MIN	46	39	41	37	45	50	57	47	42	41	38	40	36	33	39	44	58	59	56	47	44	41	35	50	60	62	62	49	44	54	46.5	
PAOUCAH	MAX	77	70	69	70	81	78	86	82	77	57	55	51	57	65	71	75	80	75	77	73	60	63	70	77	80	78	72	72	80	88	72.2	
	MIN	57	42	58	36	46	47	56	59	42	41	38	40	37	31	34	47	57	62	55	53	47	42	32	42	62	62	63	59	42	51	48.0	
PIKEVILLE	MAX	86	77	67	63	79	72	90	90	83	67	61	50	40	65	73	80	83	71	78	80	73	49	66	76	84	81	74	78	78	83	73.2	
	MIN	42	45	34	40	33	53	34	50	56	57	49	39	36	33	34	36	40	47	56	61	48	44	44	37	40	53	61	61	45	47	45.2	
PRINCETON	MAX	75	69	66	70	80	77	87	82	75	55	56	51	56	67	70	75	80	75	76	70	62	61	63	77	82	77	72	71	80	87	71.5	
	MIN	48	39	51	29	44	56	54	59	43	42	35	39	38	25	34	41	46	61	54	53	45	41	29	35	50	54	62	59	39	45	45.0	
RICHMOND	MAX	76	82	59	63	61	76	65	83	82	61	54	51	37	47	62	68	71	79	64	71	68	54	61	65	72	81	75	71	71	75	66.8	
	MIN	44	47	40	33	35	44	35	47	58	46	46	35	32	32	33	38	40	44	49	52	40	38	30	36	46	55	62	60	45	49	43.0	
RUSSELLVILLE	MAX	74	66	67	68	79	74	87	84	74	60	58	49	55	65	71	74	81	75	75	72	57	61	69	77	85	78	73	72	80	85	71.5	
	MIN	55	41	41	32	38	49	47	63	42	42	40	39	35	28	30	36	53	58	52	48	43	35	30	35	57	60	62	58	45	50	44.8	
ST JOHN BETHLEHEM ACD	MAX	78	76	64	64	64	76	67	84	81	50	55	50	41	52	64	68	72	78	66	69	70	55	61	66	73	79	76	68	67	78	67.1	
	MIN	50	40	43	32	40	45	42	50	40	42	40	38	34	35	34	36	44															



KENTUCKY  
APRIL 1959

Station		Day of month																														Total 8	Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
DIX DAM	EVA WIND	-	-	.15	.38	.16	.19	.29	.12	.36	.03	.04	*	.13	.19	.16	.23	.19	.13	.07	.10	.10	.14	.18	.12	.30	.19	.07	.03	.55	85.14		
		-	-	127	142	78	102	31	73	111	51	36	93	92	68	71	30	23	72	40	40	95	92	24	22	57	135	121	166	119	93	92331	
MADISONVILLE 1 SK	EVA WIND	.07	.27	.15	.15	.50	.21	.30	.37	.25	.06	.07	.08	.11	.14	.17	.28	.28	.16	.07	.08	.09	.28	.08	.14	.35	.42	.23	.08	.17	.40	6.25	
		37	150	82	128	28	69	29	77	104	59	75	69	86	93	45	52	42	80	15	22	88	00	55	20	86	113	82	149	93	61	2149	
WOLF CREEK DAM	EVA WIND	.11	.22	.28	.01	.18	.22	.20	.20	.22	.00	-	-	*	.18	.12	.19	.23	.03	.11	.29	.04	.14	.19	.18	.28	.22	.07	.20	.20	64.48		
		34	77	54	49	16	42	20	40	58	13	30	50	64	35	35	20	17	51	12	21	53	26	30	21	58	60	58	64	21	1151		

## SNOWFALL AND SNOW ON GROUND

[illegible]

See Reference Notes Following Station Index

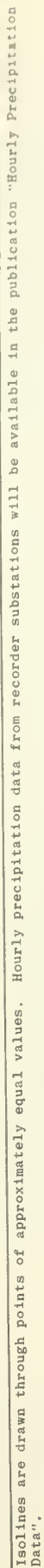


KENTUCKY  
APRIL 1959





KENTUCKY  
APR 11. 1959





## STATION INDEX

KENTUCKY  
APRIL 1959

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADOLSON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A				C	CORPS OF ENGINEERS
ADOLPHUS 1 N	0043	ALLEN	3	36 39	86 16	600	7A				C	IDEAL N. DEARING
ADOLPHUS 1 N	0063	CLINTON	3	36 45	85 05	1000	7A				C	MRS. BARBARA M. COOL
ADOLPHUS 1 N	0095	FLOYD	1	37 25	82 43	658	8A				C	NAMIE AULIER
ADOLPHUS 1 N	0155	JEFFERSON	7	38 16	85 33	700	7P				C	C. E. BARRET
ANCHER 2 NE	0185	MULLENBERG	3	37 08	87 19	510	7A				C	SPEAKER PROUSE
ANDERSON DAM 29	0217	BOYD	7	38 27	82 36	551	6P				C	CORPS OF ENGINEERS
BARBOURVILLE	0381	KNOX	2	36 52	83 55	1000	6P				C	UNION COLLEGE
BARGOSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 26	631	6P				C	ST. JOSEPH PREP. SCHOOL
BARTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. MONER MOLAN
BEAVER CREEK	0490	OHIO	3	37 25	86 52	441	6P				C	H. E. G. YOUNG
BENNETT DAM	0595	HARLAN	2	36 58	82 57	1585	8A				C	H. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P				C	JAMES M. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WCLB
BENTON COLLEGE	0619	HADISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN
BERRY WATER WORKS	0624	HADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARO
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P				C	A. ENOCH WHEELER
BLEDGEE 2 SSE	0770	HARLAN	4	36 54	83 20	1870	7A				C	MRS. VIRGINIA HOLAN
BLOOMING	0854	HART	3	37 23	85 54	702	6P				C	HAROLD WALTERS
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	N10				C	FED. AVIATION AGENCY
BRENT DAM 36	0918	CAMPBELL	7	39 03	84 25	457	7A				C	CORPS OF ENGINEERS
BURNSVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A				C	ELDRIDGE SKAGGS
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	6A				C	EDWIN E. JOHNSON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	MARVIN M. LEE
CADIZ LOCK E	1206	TRIGG	2	36 48	87 58	424	7A				C	CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	H. ALVA MC KINLEY
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	LOCK 5
CARROLLTOWN LOCK 1	1345	CARROLL	4	38 41	85 11	480	6A				C	CORPS OF ENGINEERS
CLAY CITY 1 WMM	1576	POWELL	4	37 52	83 56	712	7A				C	J. J. MOUNTZ
CLAYTON LOCK 1 SSE	1611	BULLITT	8	37 55	85 05	474	5P				C	BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A				C	WOODSON G. FRANKLIN
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 00	869	N10				C	U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1969	WHITLEY	3	36 50	84 19	1070	5P				C	KY. DEPT. OF CONSV.
CYNTHIANA 2	1998	HARRISON	5	38 23	84 18	684	7A				C	MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	TY. CARDINAL DAIRY
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	R. P. COLEIRON
DAVIDSON DAM	2053	HARTIN	1	37 48	82 32	718	7A				C	MRS. EVA N. OAVIS
DELPHIA 1 E	2132	PERRY	4	37 02	87 07	1647	8A				C	BALLARD P. WALKER, JR.
DEHA	2139	KNOTT	2	37 29	82 48	850	7A				C	MATTIE B. BARNEY
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	CORPS OF ENGINEERS
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P				C	PHILLIP O. THACKER
DUNDEE BARRETS FORD BR	2358	OHIO	3	37 33	86 43	440	7A				C	JESSE L. HUFF
DUNNOR	2366	MULLENBERG	3	37 05	87 00	592	7A				C	JO. G. GIVENS
DYER	2393	BRECKENRIDGE	4	37 43	84 13	793	7A				C	LENA BLAIR
EDMONTON	2445	LYON	2	37 03	88 05	420	7A				C	H. CORPS OF ENGINEERS
ELIZABETHTOWN	2469	METCALFE	3	37 00	85 37	865	7A				C	JOHN E. MORAN
ELKHARTON CITY	2510	HAROLD	3	37 41	85 52	739	6P				C	RADIO STATION WIEL
ELKHARTON CITY	2528	PIKE	2	37 18	82 21	800	7A				C	EDMOND O. BENNETT
ELKHARTON CITY	2540	TOO	2	36 47	87 10	520	7A				C	S. RICHARD ANDERSON
FALMOUTH 5	2775	PENDLETON	5	38 40	84 20	560	6P				C	FRANK H. LAWSON
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P				C	MRS. C. C. STAMPER
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A				C	MRS. JEAN FLEMING
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P				C	WILLIAM H. FISCHER
FLEMING 1 SE	2953	HADISON	4	37 54	84 16	660	6A				C	CORPS OF ENGINEERS
FORDS FERRY DAM 5	2961	CRITTENDEN	7	37 28	88 06	356	6P				C	CORPS OF ENGINEERS
FRANKFORD LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A				C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A				C	MRS. KATIE D. NEAL
FREEDBURG 2 S	3046	PIKE	1	37 33	82 10	730	8A				C	MRS. ALTA S. GOOSLIN
FRENCHBURG	3052	MENFEE	5	37 57	83 39	864	7A				C	JAMES A. LEVERIDGE
GAMALIEL	3112	MORRIS	3	36 38	85 48	860	7A				C	E. GUY OCKARD
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A				C	WILLIAM F. BRAMBLET
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A				C	CORPS OF ENGINEERS
GILBERT 1	3241	BARREN	2	37 00	85 55	780	7A				C	EMILY M. BEAM
GLASSBORO WEAY	3246	BARREN	3	37 00	85 55	808	6P				C	RADIO STATION WRAY
GLENDALE 1 E	3252	HAROLD	3	37 36	85 54	710	7A				C	GEWY S. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P				C	FISH & WOLF. REFUGE
GRANT QAM 38	3358	BOONE	7	38 59	84 50	503	7A				C	CORPS OF ENGINEERS
GREENBURG	3392	CARTER	7	38 19	82 56	900	6A				C	ALBERT G. SWANAGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A				C	HOWARD PICKETT
GREENSBURG HWAY 61 BR	3435	GREEN	3	37 15	85 30	590	7A				C	LYNN T. BLAKEHAM
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A				C	CORP OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	82 12	519	5P				C	C. R. LOVELL
HALEYS M L	3539	CHRISTIAN	3	37 03	87 20	740	7A				C	CLEATUS L. BRINKLEY
HARTFORD 6 NW	3652	OHIO	1	37 32	86 54	429	8A				C	DAVID K. CARR
HAZARD	3709	PERRY	4	37 15	83 12	869	7A				C	H. A. BAILEY
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	7A				C	L. E. J. HOSKIN
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	643	5P				C	CORPS OF ENGINEERS
HENDERSON 4 SW	3762	HENDERSON	7	37 47	87 37	382	6P				C	H. FRANK STREET
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A				C	C. R. REATTS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	-	7A				C	MRS. NELL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A				C	TVA-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A				C	CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH	3899	KNOTT	4	37 20	82 59	1080	6A				C	HUNHAM SETTLEMENT SCH.
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A				C	NATIONAL PARK SERVICE
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A				C	NEWELL F. SMITH
HYDEN	4093	LESLIE	4	37 10	83 23	-	7A				C	MRS. FERN F. ELAM
INEZ	4134	HARTIN	1	37 52	82 32	638	6P				C	UNITED FUEL GAS CO.
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	646	7P				C	FLOYD G. ROBBINS
JACOBSON	4196	BREATHITT	4	37 33	83 23	795	7A				C	JAMES O. MALONEY
JEREMIAH	4255	LETCHER	4	37 10	82 56	1150	5P				C	HOBART ISON
KEENE 1 NW	4369	JESSAMINE	4	37 57	84 38	941	7A				C	HUGH W. BUFFIN
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	86 16	362	5A				C	TVA-379-A
LA GRANGE 1 SW	4555	OLDHAM	7	38 24	85 26	874	8A				C	ALBERT V. HADIN
LAMAR 1 SE	4620	GARRARD	4	37 37	84 35	1032	8A				C	KENTUCKY UTILITIES CO.
LEITCHFORD	4703	GRAYSON	3	37 29	86 18	642	6P				C	CLYDE STIKELATHER
LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	N10				C	U.S. WEATHER BUREAU
LIBERTY	4755	CLAY	5	37 21	84 35	770	7A				C	FED. AVIATION AGENCY
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 12	84 35	588	6A				C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4852	HENRY	4	36 26	86 56	485	6A				C	CORPS OF ENGINEERS
LOGGICK 1 S	4882	CLARK	4	37 51	84 02	773	7A				C	HUBERT BURGER
LONDON 3 S	4893	LAUREL	2	37 08	88 08	1277	7A				C	CITY OF LONDON
LONDON FAA AP	4898	LAUREL	2	37 08	88 08	1138	N10				C	FED. AVIATION AGENCY
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A				C	CHARLES F. BRANHAM
LOUISA 2	4946	LAWRENCE	1	38 07	82 37	586	6P				C	HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	673	6P				C	LOUISVILLE & E. CO.
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	7A				C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 40	474	N10				C	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 40	403	6P				C	CORPS OF ENGINEERS
RADIO STATION WCLB	4959	JEFFERSON	7	38 10	85 40	403	6P				C	CORPS OF ENGINEERS
LUCK	5002	BARREN	3	36 53	86 02	738	6P				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P				C	HONER WELBORN, JR.
NAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	7A				C	NATIONAL PARK SERVICE
NANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P				C	NORRIS S. WHITE
NATHANIEL	5230	GRAVES	9	36 39	84 44	494	6P				C	MATTHEW ELEC. & E. CO.
MATCHEVILLE DAM 33	5243	NAXON	7	36 38	83 42	515	7A				C	CORPS OF ENGINEERS
MC KEE	5291	JACKSON	2	37 26	84 00	1000						

1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

See Page 42 for Reference Notes

OCCONN-18-Anheville, N. C. ---10/5/59 --- 750



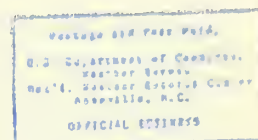
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U. S. DEPARTMENT OF COMMERCE  
LEWIS L. STRAUSS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY



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ASHEVILLE: 1959

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KENTUCKY - MAY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 4th at Irvington

Lowest Temperature: 31° on the 17th at Manchester 4 SE

Greatest Total Precipitation: 12.73 inches at Addison Dam 45

Least Total Precipitation: 1.38 inches at Flemingsburg

Greatest One-Day Precipitation: 5.56 inches on the 22nd at Addison Dam 45

SPECIAL WEATHER SUMMARY

The growing shortage of soil moisture was at least temporarily checked during May by general showers and thunder-showers which began in most sections on the 10th or 11th and continued with only temporary dry periods through the balance of the month. Only two days were without precipitation in at least a portion of Kentucky during the period from May 10th through the 31st. May precipitation was well distributed to be of maximum benefit with larger amounts generally in the previously dry areas. The Western Division which had accumulated the greatest precipitation deficiency in the March-April period, received May rainfall averaging 1.45 inches above the monthly normal, with the Central Division receiving 1.16 inches above their May expectancy.

Below normal May totals were generally in the northern Blue Grass Division where several stations received totals from 1 to 2 inches below their May normals, with the Eastern Division total of 4.26 inches being slightly above their normal. A new Kentucky record for maximum precipitation in a 24-hour period during May was established at Addison Dam 45, where 5.56 inches was measured as falling on May 22nd. Previous May record 24-hour rainfall in Kentucky was 5.02 inches at Paducah in 1943.

O. K. Anderson  
State Climatologist  
U. S. Weather Bureau  
Louisville, Kentucky.



## CLIMATOLOGICAL DATA

KENTUCKY  
MAY 1959

Station		Temperature												Precipitation															
														No. of Days															
														Max		Min													
		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg				
WESTERN																													
BLAVER DAM		82.3M	58.4M	70.4M		93	5	35	16	42	3	0	0	0	6.08		1.30	12	.0	0		10	4	2	0				
BENTON 2		82.4	57.7	70.1		91	5+	34	16	36	2	0	0	0	7.58		.77	12	.0	0		7	2	0	0				
FOROS FERRY DAM 50		81.2	61.5	70.9		95	5	40	16	34	3	0	0	0	8.17	4.70	1.02	18	.0	0		10	6	2	0				
GOLDEN POND 8 N		82.5	57.1	69.8		94	5	35	16	40	2	0	0	0	5.81		1.70	27	.0	0		11	3	1	0				
GREENVILLE 2 W		81.2M	59.0M	70.1M	4.7	91	5	39	16	42	1	0	0	0	6.01	2.24			.0	0		9							
HENDERSON 4 SW		80.3	59.6	70.0	3.9	92	5	39	16	39	3	0	0	0	8.74	4.87	1.88	18	.0	0		10	7	3	0				
HICKMAN 1 E		82.9	59.5	71.2		94	6	40	16	32	4	0	0	0	6.44		1.37	13	.0	0		9	6	2	0				
HOKINSVILLE		81.7	58.8	70.3	3.7	92	6	38	16	40	4	0	0	0	4.72	.72	1.25	28	.0	0		10	4	1	0				
LOVELACEVILLE		81.8	59.9	70.9	3.8	93	5	37	16	35	2	0	0	0	3.97	.00	1.50	12	.0	0		8	2	1	0				
MADISONVILLE 1 SE		81.5	58.6	70.1		92	5	37	16	40	3	0	0	0	4.88		.97	21	.0	0		8	4	0	0				
MAYFIELD		81.4	60.8	71.1		92	5	38	16	33	1	0	0	0	3.84		1.46	28	.0	0		9	3	1	0				
MURRAY		81.1	61.3	71.2	3.8	92	5	45	16	31	1	0	0	0	4.67	.59	1.46	12	.0	0		8	2	2	0				
OWENSBORO 2 W		81.1	60.0	70.6	4.8	95	5	40	16	38	5	0	0	0	8.23	4.40	1.21	12	.0	0		11	9	3	0				
PADUCAH FAA AIRPORT		80.2	60.9	70.6		92	5	39	16	39	1	0	0	0	4.13		1.71	12	.0	0		9	2	1	0				
PADUCAH		82.8	60.5	71.7		93	5	38	16	29	4	0	0	0	6.49	2.47	2.90	27	.0	0		8	5	2	0				
PRINCETON		81.3M	58.3M	69.8M	3.1	90	4+	36	16	39	3	0	0	0	2.15	1.82	.62	22	.0	0		7	2	0	0				
RUSSELLVILLE		82.3	58.6	70.5	4.3	93	5	37	16	44	4	0	0	0	5.22	1.60	1.35	28	.0	0		9	5	1	0				
DIVISION				70.5	4.0										5.42	1.45			.0										
CENTRAL																													
ANCHORAGE		78.0	57.2	67.6	4.0	89	5+	36	16	62	0	0	0	0	5.07	1.05	1.92	12	.0	0		9	2	2	0				
BARSTOWN 5 J RREP SCH		81.5	58.5	70.0		92	5	36	16	53	3	0	0	0	4.57		1.54	27	.0	0		8	3	1	0				
BONNIEVILLE		80.6	57.4	69.0		91	5	34	16	50	2	0	0	0	4.62		.93	13	.0	0		10	3	0	0				
BOWLING GREEN FAA AR		81.3	58.4	69.9	2.6	93	5	39	16	47	3	0	0	0	4.32	.51	.95	12	.0	0		9	2	0	0				
CAMPBELLSVILLE		81.1	58.3	69.7		93	5	37	16	51	1	0	0	0	4.12		.99	13	.0	0		8	3	0	0				
CLERMONT 1 SSE		83.6M	57.4M	70.5M		94	5	34	16	52	6	0	0	0	4.95		1.44	27	.0	0		10	4	1	0				
ELIZABETHTOWN		82.3	56.6	69.5		95	5	35	16	49	3	0	0	0	6.32		2.10	13	.0	0		10	2	2	0				
GLASGOW WKAY		80.5	57.7	69.1		91	5	35	16	51	1	0	0	0	5.16		1.81	22	.0	0		10	4	1	0				
GREENSBURG		81.4	56.5	69.0	3.5	90	6+	36	16	56	2	0	0	0	5.68	1.36	1.48	21	.0	0		8	4	3	0				
IRVINGTON		81.6M	58.2M	69.9M	4.3	96	4	36	16	47	3	0	0	0	6.61	2.74	2.09	21	.0	0		11	5	2	0				
LEITCHFIELD		80.8	58.5	69.7	3.9	91	5	40	16	41	3	0	0	0	7.11	3.18	2.36	22	.0	0		11	5	2	0				
LOUISVILLE		83.6	60.8	72.2		94	5	42	16	36	7	0	0	0	4.18		1.10	13	.0	0		9	3	1	0				
LOUISVILLE WB AP		81.9	59.7	70.8	5.5	95	4	39	16	51	7	0	0	0	4.42	.49	1.13	12	.0	0		9	5	1	0				
MAMMOTH CAVE PARK		81.4	56.3	68.9		90	5	32	16	53	1	0	1	0	5.27		1.24	26	.0	0		6	4	3	0				
ST JOHN BETHLEHEM ACAD		78.4	56.6	67.5	2.8	91	6	38	15	62	1	0	0	0	5.33	1.24	2.02	21	.0	0		9	4	1	0				
SCOTTSVILLE		81.7	58.1	69.9		92	5	36	16	48	2	0	0	0	4.21		1.73	26	.0	0		9	2	1	0				
SUMMER SHADE		80.6	57.8	69.2		91	5	34	16	58	1	0	0	0	4.40		1.18	29	.0	0		10	2	1	0				
WOLF CREEK DAM		81.2	52.7	67.0		91	6	35	16	64	2	0	0	0	5.19		.96	23	.0	0		12	3	0	0				
DIVISION				69.4	3.8										5.09	1.16			.0										
BLUE GRASS																													
BEREA COLLEGE		81.2	58.4	69.8	4.3	89	5+	38	16+	55	0	0	0	0	3.71	.12	1.54	13	.0	0		9	1	1	0				
CARROLLTON LOCK 1		80.4	57.5	69.0		91	2	37	16	58	4	0	0	0	3.67	.38	1.03	12	.0	0		10	3	1	0				
COVINGTON WB AIRPORT		78.0	57.7	67.9	5.4	92	5	36	16	76	2	0	0	0	2.92	.53	.63	10	.0	0		8	1	0	0				
CYNTHIANA 2		80.1	55.2	67.7		90	6	34	16	65	1	0	0	0	2.44		.83	13	.0	0		9	1	0	0				
DANVILLE		79.6	56.6	68.1		91	6	37	16	61	1	0	0	0	2.83	1.31	.87	13	.0	0		7	1	0	0				
DIX DAM		80.2M	59.1M	69.7M		90	5	38	16	49	1	0	0	0	2.92		.85	13	.0	0		7	2	0	0				
FALMOUTH		80.7M	55.2M	68.0M		92	5	35	16	61	5	0	0	0	3.59	.17	.59	13	.0	0		11	2	0	0				
FARMERS		82.1	55.2	68.7	4.3	91	6+	36	17	50	2	0	0	0	4.63	.61	1.26	31	.0	0		9	4	2	0				
FLEMINGSBURG 2		80.5	55.6	68.1		91	29	34	16	65	2	0	0	0	1.74		.65	12	.0	0		4	2	0	0				
FRANKFORT LOCK 4		79.3	55.8	67.6	3.1	90	6+	39	16	64	2	0	0	0	4.62	.74	1.14	31	.0	0		10	3	1	0				
LEXINGTON WB AIRPORT		78.5	58.5	68.5	4.4	88	5+	39	16	63	0	0	0	0	3.20	.36	1.33	30	.0	0		8	2	1	0				
MAYSVILLE DAM 33		80.3	53.8	66.4	3.0	90	6+	35	16	85	2	0	0	0	2.22	1.40	.86	13	.0	0		6	2	0	0				
MOUNT STERLING		80.3	58.3	69.3		88	29+	40	15	53	0	0	0	0	2.95	1.12	1.19	12	.0	0		7	1	1	0				
RICHMOND		79.5	56.5	68.0		90	6	38	16+	63	1	0	0	0	4.14		1.14	13	.0	0		9	3	1	0				
SHELBYVILLE 2 W		79.8	58.1	69.0	4.8	92	5	37	16	56	1	0	0	0	3.37	.69	.92	13	.0	0		9	2	0	0				
WILLIAMSTOWN 5 WSW		78.1	54.8	66.5	1.3	91	6	35	16	82	1	0	0	0	4.07	.20	.83	14	.0	0		12	2	0	0				
DIVISION				68.3	3.5										3.31	.54			.0										
EASTERN																													
ASHLAND DAM 29		81.5	57.4	69.5	4.2	92	4+	40	17+	60	3	0	0	0	4.67	.79	1.44	13	.0	0		8	2	2	0				
BARBOURVILLE		83.6M	55.4M	69.5M		92	5	39	17+	41	7	0	0	0	4.45		.93	13	.0	0		8	4	0	0				
BAXTER		80.1	54.6	67.4		90	6	39	17	57	1	0	0	0	4.12		1.35	13	.0	0		9	2	1	0				
BENHAM		80.7	54.0	67.4		91	6	35	17	65	1	0	0	0	3.88		1.17	13	.0	0		12	1	1	0				
BLAINE		82.0	52.7	67.4		91	5	34	17	62	5	0	0	0	5.74		1.20	13	.0	0		10	3	1	0				
OWEY DAM		80.7	53.5	67.1		90	6+	38	17+	70	3	0	0	0	3.26		1.23	13	.0	0		9	2	1	0				
GRAYSON 1 SE		82.6	55.5	69.1		92	5	37	17	42	4	0	0	0	4.11	.33	1.77	13	.0	0		7	3	1	0				
HEIDELBERG LOCK 14		80.7	53.2	67.0		90	6	36	17	61	1	0	0	0	5.27		1.60	13	.0	0		9	3	2	0				
HINDMAN SETTLEMENT SCH		81.1	51.4	66.3		92	5	36	17	55	5	0	0	0	3.72		1.17	13	.0	0		9	3	1	0				
INEZ																													



# CLIMATOLOGICAL DATA

KENTUCKY  
MAY 1959

CONTINUED

Station		Temperature												Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max		Min							Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
											40° or Above	32° or Below	32° or Below	0° or Below											
											40° or Above	32° or Below	32° or Below	0° or Below											
PIKEVILLE		84.2	58.3	71.3		93	5+	42	17+	36	8	0	0	0	4.49	.41	2.77	13	.0	0		6	2	1	
SOMERSET 1 N		79.4	55.8	67.6		90	5	34	16	62	1	0	0	0	2.96		.78	13	.0	0		8	2	0	
VANCEBURG DAM 32		80.6	56.6	68.6		90	5	40	17+	61	1	0	0	0	3.00	- 1.04	1.14	23	.0	0		6	2	2	
WEST LIBERTY	AM	81.1	54.6	67.9		91	20+	36	17	62	2	0	0	0	3.81		1.01	31	.0	0		6	3	2	
WILLIAMSBURG 2	AM	82.5	56.0	69.3	3.2	94	6	38	17	48	6	0	0	0	5.18	1.15	.99	31	.0	0		8	5	0	
DIVISION				68.3	3.1										4.26	.27			.0						

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
COVINGTON WB AIRPORT	SSW	17	8.9	40	S	22	79	82	56	60	5	6	7	1	0	0	19	-	8.1	
LEXINGTON WB AIRPORT	S	17	9.5	-	-	-	82	85	61	66	3	6	6	1	1	0	17	-	7.1	
LOUISVILLE WB AIRPORT	S	16	9.0	44	W	13	79	84	58	59	4	4	4	4	1	0	17	56	7.2	

See Reference Notes Following Station Index



# DAILY PRECIPITATION

RENTON KY  
MAY 1959

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON DAM 45	12.73	.02					.05				.80	.10	.10	1.15	.11	T			.25	.57	.01	.98	.98	.17		.04	.88	.45	.43	.42				
ADAPPHUS 1 N	5.67	.05	.70								.12			.16					.11		.04	.15	.02			1.15	.10	.72		.44	.27			
ALBANY 4 N	4.04	.09												.18					.81			.43	.44	.04	.10	.15					.70			
ALLEN	2.94	.11									.11	.02	1.92	1.01	T		.04	.16	.76	.43	.44	.04	T			.07	.17	.63						
ANCHORAGE	5.07	.12			.09														.23		.18	.17		.31			.14	.02	1.03		.04			
APER 2 NE	5.18	.04									.03		.19	2.45	.14						.15	.14	.04	.04	.04	.02	.29	.04	1.08		.44			
ASHLAND DAM 29	4.67	.05			.40			.11					.07	1.44	.48				.84	.11	.14	.01	.04		.02	.04	.75							
BARBOURVILLE	4.45	T									.17	.05	.08	.70	.07	.07	T	.49	.06	.28	.76	.17	T			.06	1.54	.62	.02	.18		.45		
BARSTOWN 5 J PREP SCH	4.57	T																.15	.72	.25	.10	.15	.05				.05							
BAXTER	4.12	.10									.22		1.30	.30				.02	.97	.14	.27	1.16	.48			.29	.08	.63		.14				
BEAVER DAM	6.08													1.17	.31				.40	.22	.25	.13	.11	.11		.29	.08	.63		.14				
BENHAM	3.88	.24	.12									.13	.77	.26			.13		.04		.17	.03				.29	.08	.63		.14				
BENTON 2	2.58	.04									.17			.26					.20		.32	.48	.21	T		.42		.14						
BEREA COLLEGE	3.71	.19									.10			1.69	.29				.18	T		.32	.48	.21	T		.42		.14					
BEREA WATER WORKS	3.67	.23																								.78	.48	.90		.47	.38			
BLAINE	5.74					.10							.71	1.20				.05	.16			.31				.78	.48	.90		.47	.38			
BLEDSOE 2 SSE	4.62													.45	.93				.24	.40	T	.41	.53	.43	.25	.04	.35	.30		.25	.47	.04		
BONNIEVILLE	5.14	T												.82	1.91	.10			.37	.08	.05	.49	.28	.05	.12	.43	T	.56	T	.59	T			
BOWLING GREEN	5.14	T																	.12	.42		.48	.01	.08	.03	.44	.14	.60		.47	T			
BOWLING GREEN SUBSTA	6.16	T																																
BOWLING GREEN FAA AP	4.32	T									.06	.40	.95	.08	.46				.65	.02	.12	.30	T	.21	.23	1.12	T	.57		.25	.04			
BRENT DAM 36	3.38	T			.04						.18	.29	.40	.57	.46					.65	.02	.12	.30	T	.21	.23	1.12	T	.57		.25	.04		
BROWNVILLE LOCK 6	5.14	.09												1.75	.21					.17		.23	.65	T	.14									
BURDINE 2 NE	4.95	.10									.04	T		.17	T											.34	1.20	.55	.13	T	.81	.06		
BURNSVILLE	4.61	.12																																
CAHOON LOCK 2	4.45										.30		.08	1.37	.32					.25		.22	.55			.52	.04	.82						
CALHOUN LOCK 2	5.16										.04	.10	.13	.72	.11					1.29	.52	.03	.72	.03	.56	T		.14						
CAMPBELLVILLE	4.12	.09											.15	.36	.99	.02	T		.03	.89	.38	.41	.60	.01		.02	T	.14						
CANYVILLE	7.03	T											.04	.30	.49	.33				1.07	.29	.07	1.27	.30	.69									
CARROLLTON LOCK 1	3.67	.06									.12	.10	1.03	.65	.45	T				.16	.60	.10	.30											
CLAY CITY 1 NW	3.20	.08												.90	.13				.07	.24	.15	.75	.71			.04	.21							
CLERMONT 1 SSE	4.95	.09									.28		.16	.77		.02											.70		.60					
COBB	4.95										.04	T		1.20	.16						.20		.38	.17	.08	T	.02	.18						
COLLEGE HILL LOCK 11	2.91	.11	.03					.05			.63	.37	.33	.40	T	.01			T	.16	T	.20	.42	T		.01	T	.08		.20	.02			
COVINGTON WB AIRPORT	2.92									.06																								
CUMBERLAND FALLS ST PK	3.21	.04												.33	.31				.82	T	.45	.13	.12	.14		.04	.14		.03	.47	.19			
CYNTHIANA	2.34	.06									.23	T	.09	.79	.43				.12	T		.13					.17	.11						
CYNTHIANA 2	2.44	.05									.18	.10	.02	.83	.45				.42	.03	.17	.29	.04	.39		.34	.10		.07	T				
DANVILLE	2.83	.13																	2.21	.42									.23	.30	.22			
DELPHIA 1 E	4.65																																	
DEWEY DAM	3.26	.17			.15									1.23	.64				.15	.02	T		.11	.22	.06		.18	.33						
DIX DAM	2.92													.85	.17					.32	.03	.07	.58			.49	T	.22						
DUNDEE BARRETT'S FORD BR	7.21	.05									.18		.18	.74	.45					1.05	.28	.04	1.25	.06	1.20	.50	.50	.08						
DUMMOR	7.44												.26	.59	.19					.39		.10	.14				.85	.61	1.63	1.42				
EDDYVILLE LOCK F	2.65										.03	.03	.02	.45					.06			.19	.34		.35		T	.71	.47					
EDMONTON	4.97		.05										.10	.80	.30					.50			.85	.38	.55		.22	.20						
ELIZABETHTOWN	6.32	.11									.06		.38	2.10		T	T	T		.25		.36	2.03	.38			.25	.18						
ELKHORN CITY	3.51	.25																		.15														
ELKTON 2 S	4.10	T												.41	.42	T				.22		.15	.12		.26	.28	.65	.46	1.08	.05				
FALMOUTH	3.59	.07									.06	.12	.39	.59	.53					.16	.14		.06	.05	.13		.31	.29	.38		.35	T		
FARMERS	4.63	.12												1.18	.50		.06		.10	.08		.14	.22	T	.03		.32	.04						
FLEMINGSBURG	1.38												.12	.65	.12					.05														
FLEMINGSBURG 2	1.74	.03												.54	.10	T	.06			.05	.12		.08	T		.29	.10	T						
FORD LOCK 10	4.25	.13	T			.06					.32	.13	.95	.83	T	.02				.06	.12	.39	.59	.53										
FORDS FERRY DAM 50	8.17	T																																



# DAILY PRECIPITATION

KENTUCKY  
MAY 1955

CONTINUED

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEIDA	5.83	.36												2.00	.34		T		.34	.22		.02	.27		.10		.02	.34	.08	1.74		
ONEIDA OAM 35	3.81	T			.04			T			.08	.16	.62	.52	.45	T	T	T	.94	.75	.08	.59	.87	.55			.06	.38	1.10			
OWENSBORO 2 W	8.23	.08									.10	1.21	1.01	.51	T				.94	.75	.08	.59	.87	.55			.06	.38	1.10			
OWENSBORO OAM 46	8.70	.17									.18	.95	1.12	.80	.01				.70	.75	.07	.68	.45	.92			.24	.61	1.05			
PAOUCAH FAA AIRPORT	4.13				.20					.02	.30	T	1.71				T	.18	.11		.37	.26	.02			T	.12	.82	T	.02		
PAOUCAH	6.49				.50						T	T	1.24	.53					.11			.21	.11					2.90	.09	.80		
PAINTSVILLE	3.72	.53												1.03	.35				.15								.09	.35	.50			.72
PIKEVILLE	4.49	.09								.04	T		.52	2.77	.06	.01			.01	.16		.02	.02		.01		.01	.18	.36	T	.23	
PINEVILLE	5.97	.02		.71								.04		1.20	.66				.23	.64		.02	.03	.05	T	.13		.09	.13		.23	1.70
PRINCETON	2.15												.11	.10				.05			.24	.50	.62			.10	.05	.36	.02			
RAVENNA LOCK 12	3.32	.10									.15		1.18	.28					.22	.26		.23	.16				.50					.24
RICHMOND	4.14	.14			.32	T					T		1.14	.16					.26	.08		.36	.48				.64	T				.56
ROCHESTER LOCK 3	4.84										.20		1.30						.74	.04	.23	.08	.81				.49	.19	.41		.35	
RUSSELLVILLE	5.22										.08	.02	.84	.65	.08	.01			.16		.55	.04	.23	.11			.68	.07	1.35		.35	
RUSSELLVILLE SUBSTA	4.90										.09	.06	.99	.67	.08				.17		.05	.48		.23	.20		.30	.05	1.18	.35		
ST JOHN BETHLEHEM ACAO	5.33	.03										.16	.19	.53					.04	.03	.60	2.02	.70	.09			.19	.05	.22		.48	
SALVISA LOCK 6	3.20	.31										.16	.02	.80	.29			.14		.18	.08	.15	.18	.27			.50	T	.04		.32	.02
SALVISA LOCK 2 SE	6.27	.18								.01			1.39	.59					.20				.78	.11			1.30	.05	.01		1.65	
SCOTTSVILLE	4.21											.30	.68							.33		.19	.11			.24	1.73	.47	.12		.04	
SEBREE	-	-	-	-	-	-	-	-	-	-	-	1.47	.65	.37	.20	1.32			.37	.88	.40		.63				.31	*	.77			
SHAWNEE STEAM PLANT	5.44				1.18						.98	.08	.93						.08	.33	.28	.12	.19				.29	.14	.73	.11		
SHELBYVILLE 2 W	3.37	.03									.26	.06	.92	.73					.23	.10		.17	.37	.05				.12	.33	T		
SHEPHERSVILLE	4.11										.07	.13	.50	.50					.16	.22		1.00	.23	.20		.08	.05	.97				
SOMERSET 1 W	2.96	.02									.11		.78						.75	.75	.44	.12	.01			.30	.12	.27	T	.01		
SPRINGFIELD	4.68										T		1.77	.29					.32			.52	.35	.79				.62	.76			.37
STEARNS	3.73												.40	.47						.61	.05	.40	.27	.36			.10	.10	.26	.21	.25	.35
SUMMER SHADE	4.40										.20		.48					.04	.54		.36	.07	.27			.10	.45	.35	.02	1.18		.32
SUMMER SHADE SUBSTA	4.14	.10									.13	.04	.92	.29	T				.57		.04	.44		.34			.27	.26	.23	1.31	.12	
TAYLORSVILLE	5.51	.20			.02						.25	.01	2.05	.43					.38	.17		.22	.25				.02	.01	1.50			
TURKEY CREEK SCHOOL	4.58	.03									.26	.33	1.22	.12				.05	.19	.02	.26	.43	.29					.62	.76			
TYRONE LOCK 5	3.47	.09									.36	.03	.51	.56					.32	.11		.45	.05	.72			.36	.09	.07		.06	
UNIONTOWN OAM 49	7.90										.29	.04	1.78	1.02	.03				1.57	.92	.18	.31	.03	.37			.07	.06	1.23			
VALLEY VIEW LOCK 9	3.49	.11										.07	1.36	.12			.01		.18	.18	.24	1.03	.08	.01		T	T				.10	
VANBUREN	RECORD MISSING																															
VANCEBURG OAM 32	3.00	.03										.07	1.00	.17					.11			.01	1.14				.16	.31				
WAYNESBURG 7 NE	2.88	.14									.18		.71	.39				.46	.22	T		.26	.20				.05	.13			.14	
WEST LIBERTY	3.81										.02	.03	1.00	.32	.01				.09	T	T		.09	.10				.98	.13	.03		1.01
WILLIAMSBURG 2	5.18	.04										.79	.44						.08	.77		.84	.30	.07				.06	.07	.62	.11	.99
WILLIAMSTOWN 5 WSW	4.07	.06									.14	.32	.34	.80	.83	T			.17	.12	.14	.10	.26	T			.39	.32	.08		T	
WILLOW LOCK 13	5.44	.10									.05		1.70	.41					.10	.21		.47	.36	1.25				.68	.11			
WOLF CREEK OAM	5.19	.10									.03	.19	.20	.08					.62	.88	.02	.42	.13	.96			.17	.88	.07	.47	.17	
WOODBURY LOCK 4	4.92										.41	.66							.70		.06	.80	.15				1.18	.96				

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only to the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- B "Snowfall and Snow on Ground" Table. Omission of data to any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- / Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

REUTERS  
MAY 1973

Station		May Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ANCHORAGE	MAX MIN	78 51	89 55	87 57	87 54	89 60	87 63	72 59	74 44	80 52	80 61	81 68	72 65	70 60	62 47	57 38	63 36	66 41	74 58	85 70	84 64	81 60	86 67	84 61	86 65	85 69	84 66	81 62	80 60	78 58	81 61	85 65	82 61	78 57
ANILANO DAM 29	MAX MIN	69 52	92 48	86 57	92 58	88 56	88 58	85 70	80 51	80 51	86 65	89 61	83 64	78 61	61 47	58 41	64 40	69 40	92 59	86 52	84 65	81 62	84 64	86 66	86 66	85 66	84 65	84 65	81 61	85 65	87 67	81 61	85 65	
BARRIBOURVILLE	MAX MIN	86 50	84 51	91 56	90 52	92 53	90 56	90 52	85 49	90 59	88 61	86 57	87 60	80 62	78 50	60 39	60 41	78 51	88 53	87 64	85 61	83 60	83 61	78 60	84 61	84 65	88 66	88 66	84 60	85 65	85 67	85 67	81 61	
BARDSTOWN S J PREP SCH	MAX MIN	81 59	90 61	88 61	90 58	92 61	89 64	81 60	76 47	84 54	86 63	86 67	83 67	78 60	67 48	61 38	67 41	80 41	88 60	84 67	83 66	83 65	78 60	84 61	83 65	81 67	81 67	80 67	84 67	85 67	83 67	84 67	81 67	
BAKTER	MAX MIN	80 41	83 52	87 53	87 54	88 52	90 53	86 52	86 50	80 50	78 47	81 53	83 57	83 56	77 48	56 39	69 35	68 45	87 53	82 60	87 67	84 66	81 65	79 60	87 65	85 66	80 66	81 66	84 66	85 66	84 66	81 66	85 66	
BEAVER DAM	MAX MIN	89 57	91 60	89 58	92 58	93 61	92 61	79 58	85 48	85 53	86 64	86 69	81 65	77 62	69 48	62 43	69 35	68 45	87 53	82 60	87 67	84 66	81 65	79 60	87 65	85 66	80 66	81 66	84 66	85 66	84 66	81 66	85 66	
BENHAM	MAX MIN	78 48	80 50	83 58	89 60	89 64	91 56	87 52	86 47	79 50	85 61	86 63	86 60	88 58	77 47	54 37	61 36	66 35	71 41	81 50	80 62	74 56	84 63	85 61	83 56	80 64	84 66	82 66	87 66	85 66	84 66	85 66	80 66	
BENTON 2	MAX MIN	91 48	88 56	87 57	88 56	90 60	87 60	82 56	85 47	84 52	85 62	85 67	78 63	79 57	72 49	63 41	68 34	69 51	84 62	81 55	86 66	83 67	83 67	81 67	81 65	86 65	84 65	86 65	85 65	86 65	81 65	81 65	82 65	
BEREA COLLEGE	MAX MIN	82 55	89 61	89 63	86 58	88 62	88 63	83 65	75 47	87 50	86 65	86 68	85 68	80 58	62 46	38 38	65 39	69 40	81 50	87 66	85 79	86 64	81 61	80 64	83 66	83 66	82 66	83 66	80 66	85 66	87 66	80 66	81 66	
BLAINE	MAX MIN	76 50	90 45	90 51	90 53	91 52	85 53	86 54	75 44	82 43	85 56	87 52	81 58	87 55	67 46	56 38	65 40	70 34	76 50	90 52	85 55	85 58	88 57	83 58	75 60	87 58	85 60	85 60	87 60	88 60	80 60	86 60	86 60	
BONNIEVILLE	MAX MIN	88 55	89 65	86 56	90 55	91 59	87 60	80 59	79 48	83 55	85 64	85 68	80 53	77 50	65 43	66 39	67 34	82 45	85 50	74 62	82 65	76 64	80 65	79 62	81 65	81 65	83 65	81 65	84 65	86 65	82 65	88 65	82 65	
BOWLING GREEN FAA AP	MAX MIN	86 56	87 60	88 60	89 57	93 63	87 63	80 57	80 50	82 57	82 64	84 65	84 64	79 59	59 43	43 39	65 39	66 45	87 55	81 63	81 66	84 66	80 61	79 64	83 66	88 66	86 66	83 66	84 66	81 66	85 66	83 66	81 66	
CAMPBELLSVILLE	MAX MIN	86 53	87 58	88 59	89 56	93 62	87 63	82 58	78 48	84 53	83 58	86 61	86 66	78 59	65 41	49 39	65 37	66 42	87 52	81 60	81 62	84 62	80 61	79 64	83 66	88 66	86 66	83 66	84 66	81 66	85 66	83 66	81 66	
CARROLLTON LOCK 1	MAX MIN	80 53	91 49	90 57	86 56	90 61	90 61	85 61	70 49	81 51	81 59	85 70	82 64	76 58	65 47	60 44	60 37	65 40	85 52	85 65	80 65	86 61	82 60	78 68	82 68	82 68	85 68	83 68	83 68	85 68	83 68	85 68	80 68	
CLERMONT 1 SSE	MAX MIN	84 52	91 56	90 58	92 55	94 62	87 62	84 59	90 44	90 53	84 64	77 69	87 68	80 60	69 48	36 36	67 34	68 39	86 52	87 64	85 66	86 61	85 60	84 66	85 66	84 66	84 66	84 66	84 66	84 66	84 66	84 66	84 66	
COVINGTON WB AIRPORT	MAX MIN	76 51	90 56	87 63	83 56	92 63	88 67	72 54	70 47	81 50	81 62	82 64	69 58	75 51	51 43	55 35	62 36	67 41	77 51	86 63	77 67	87 63	74 57	84 63	76 57	85 66	88 66	84 66	84 66	87 66	88 66	84 66	87 66	
CYNTHIANA 2	MAX MIN	80 52	78 49	89 55	89 53	88 55	90 55	89 54	77 47	72 47	85 62	82 65	85 65	76 61	78 45	54 41	60 34	64 37	69 50	75 63	87 63	77 60	82 60	84 67	77 65	83 68	84 68	80 68	86 68	88 68	88 68	80 68		
DANVILLE	MAX MIN	85 52	81 58	89 62	88 57	89 58	91 64	88 65	82 48	82 51	82 52	82 65	82 65	78 62	78 46	54 38	57 37	65 40	76 50	87 65	76 52	85 65	82 62	81 65	78 65	77 65	83 65	76 65	86 65	85 65	81 65	81 65	79 65	
DEWEY DAM	MAX MIN	80 44	78 47	90 49	89 55	90 54	87 54	88 45	88 45	84 51	82 51	85 57	87 57	85 50	77 43	39 39	38 38	45 45	53 57	60 60	61 61	63 63	52 54	60 60	62 64	65 65	65 65	65 65	65 65	65 65	65 65	65 65	65 65	
DIX OAM	MAX MIN	77 55	88 58	88 60	88 56	90 64	86 63	86 62	75 49	84 53	85 72	82 68	80 66	77 62	74 55	40 38	64 38	44 44	86 51	86 66	74 66	85 63	80 64	77 63	82 66	85 66	84 66	84 66	84 66	84 66	84 66	84 66	84 66	
ELIZABETHTOWN	MAX MIN	82 51	81 55	86 58	94 53	95 58	88 59	82 60	76 48	83 54	87 64	85 68	86 68	72 61	69 48	60 38	68 35	68 39	83 57	85 65	84 64	83 60	82 60	81 65	85 69	84 69	84 69	84 69	84 69	84 69	84 69	84 69	84 69	
FALMOUTH	MAX MIN	78 51	91 46	90 54	83 55	92 55	90 57	80 56	46 50	84 50	88 61	87 63	84 64	58 45	42 38	35 35	64 35	72 37	88 60	87 62	87 64	82 60	84 62	84 68	84 68	84 68	84 68	84 68	84 68	84 68	84 68	84 68	84 68	
FARMERS	MAX MIN	79 53	88 47	88 54	87 53	91 56	89 56	85 54	74 48	84 51	86 63	86 67	83 67	78 60	67 48	61 38	67 41	80 41	88 60	84 67	83 66	83 65	78 60	84 61	83 65	81 67	81 67	80 67	84 67	85 67	83 67	84 67	81 67	
FLEMINGSBURG 2	MAX MIN	77 52	90 52	89 59	85 57	89 55	87 56	77 58	70 48	84 50	85 62	86 64	77 63	79 55	58 43	39 39	65 34	70 38	89 50	83 60	78 60	88 62	82 60	75 60	84 65	86 65	84 65	87 65	91 65	81 65	88 65	80 65	85 65	
FOROS FERRY OAM 50	MAX MIN	86 58	90 61	89 66	90 61	85 63	86 64	83 57	77 51	84 57	86 64	82 66	72 63	76 62	48 40	39 39	70 40	65 52	81 57	79 66	88 67	82 65	79 68	86 68	86 68	86 68	86 68	86 68	86 68	86 68	86 68	86 68	86 68	
FRANKFORT LOCK 4	MAX MIN	81 46	77 52	90 53	88 55	90 56	87 56	89 55	76 48	73 50	82 55	82 64	84 66	75 62	78 47	54 42	60 39	64 40	67 43	77 54	86 63	86 64	82 60	80 60	82 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	
GLASGOW WKAY	MAX MIN	86 59	86 63	85 57	88 59	91 62	88 62	80 57	75 49	82 55	82 60	85 62	82 63	78 61	67 48	38 38	65 35	66 40	87 53	82 60	87 67	84 66	81 65	79 60	87 65	85 66	80 66	81 66	84 66	85 				



# DAILY TEMPERATURES

CONTINUED

KENTUCKY  
MAY 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEXINGTON W8 AIRPORT	MAX	76	88	88	84	88	87	78	70	83	82	85	76	78	54	56	64	67	76	87	72	78	85	81	76	80	83	76	86	85	82	84	78.5
	MIN	55	59	64	60	66	65	53	47	51	65	66	64	54	41	40	39	45	52	66	67	66	64	63	59	56	66	65	63	67	63	63	58.5
LONDON FAA AIRPORT	MAX	85	88	87	87	90	88	86	75	82	80	83	80	78	57	58	65	68	78	85	75	81	82	81	76	82	81	81	85	84	77	80	79.5
	MIN	53	54	56	52	60	60	56	51	54	51	61	64	55	46	37	39	38	52	58	65	63	61	58	61	58	61	63	61	63	66	65	56.2
LOUISVILLE	MAX	83	93	92	93	94	92	88	76	83	84	88	84	77	69	63	68	67	77	89	87	85	85	85	82	80	86	85	90	91	88	87	83.6
	MIN	56	60	64	64	67	68	64	51	56	66	71	67	56	50	44	42	46	50	60	68	66	67	66	60	60	60	69	64	69	69	65	60.8
LOUISVILLE W8 AP	MAX	80	94	93	95	94	92	72	76	84	85	87	74	77	57	61	69	66	77	89	76	84	85	83	80	87	87	77	90	92	88	89	81.9
	MIN	56	58	64	59	66	66	57	50	56	68	68	65	57	45	42	39	44	51	61	68	66	65	66	60	59	67	65	64	66	68	65	59.7
LOVELACEVILLE	MAX	90	88	88	88	93	85	78	76	84	85	86	75	78	71	64	71	66	83	85	80	88	82	78	77	84	88	83	88	87	83	83	81.8
	MIN	57	59	60	60	63	65	56	48	55	63	64	65	59	45	45	37	56	61	65	67	67	69	64	57	62	65	66	61	65	65	66	59.9
MAIDSONVILLE 1 SE	MAX	87	89	87	90	92	90	84	78	81	84	85	81	81	70	62	68	65	83	85	78	85	82	80	77	85	83	81	85	85	82	81	81.5
	MIN	58	64	61	54	61	67	57	47	57	64	68	64	57	46	47	37	46	54	54	66	64	63	64	56	59	66	64	58	65	68	60	58.6
MAMMOTH CAVE PARK	MAX	88	88	87	89	90	89	83	79	83	83	85	84	78	68	62	66	65	81	88	82	84	78	80	80	84	85	82	88	85	81	77	81.4
	MIN	54	63	57	54	58	61	58	46	54	54	67	62	59	48	37	32	38	51	64	62	64	60	61	60	56	61	62	59	61	65	57	56.3
MANCHESTER 4 SE	MAX	87	91	89	90	93	90	87	81	82	84	87	85	79	63	60	68	72	82	89	79	83	86	85	79	85	85	88	88	81	83	88	82.9
	MIN	51	53	54	51	56	55	52	48	50	56	56	59	62	50	41	40	31	52	52	58	61	59	59	63	59	61	68	61	65	61	64	55.1
MAYFIELD	MAX	88	87	86	88	92	85	81	78	83	84	85	76	77	71	65	68	65	84	82	77	85	82	82	80	86	86	84	89	85	81	81	81.4
	MIN	62	64	65	65	64	66	57	49	56	65	66	65	57	46	46	38	55	57	67	65	66	68	63	58	61	66	64	66	67	66	66	60.8
MAYSVILLE OAM 33	MAX	80	76	90	88	83	90	88	75	69	83	84	85	73	78	53	59	62	68	73	89	82	77	87	83	72	81	85	81	80	88	83	78.9
	MIN	48	48	52	56	54	55	57	46	48	52	61	63	62	45	40	35	37	41	53	61	62	61	61	58	48	52	65	61	61	60	64	53.8
MIDDLESBORO	MAX	82	87	86	89	92	88	87	83	77	80	84	84	80	77	61	68	73	77	87	85	81	85	82	83	80	82	83	87	84	79	77	81.6
	MIN	52	51	58	51	51	59	56	52	50	54	57	58	63	50	39	40	38	52	54	62	63	60	57	63	57	60	61	62	61	65	64	55.5
MONTICELLO	MAX	84	87	86	87	90	86	84	79	86	79	83	82	79	62	62	66	70	81	86	81	80	83	80	80	78	80	80	86	85	75	83	80.3
	MIN	54	56	57	52	58	63	57	48	52	63	69	69	62	49	35	35	37	54	65	64	66	62	60	60	57	65	65	60	63	65	65	57.6
MOUNT STERLING	MAX	77	88	88	87	88	87	84	77	83	83	85	75	82	70	58	63	68	73	87	83	73	85	81	80	80	82	82	88	88	82	83	80.3
	MIN	53	56	64	60	60	64	62	47	50	63	63	66	60	44	40	42	42	49	62	63	65	62	67	59	54	64	62	67	63	65	63	58.3
MOUNT VERNON	MAX	84	88	87	87	91	87	82	75	83	82	84	78	78	60	58	66	69	80	82	88	78	85	81	77	80	82	80	86	85	80	85	80.3
	MIN	55	56	57	52	61	60	59	48	54	60	64	64	60	46	35	36	37	50	60	63	60	60	63	60	55	55	64	60	61	66	63	56.4
MURRAY	MAX	89	89	87	89	92	88	80	77	83	87	86	75	78	69	65	65	65	84	85	79	85	82	83	77	80	80	85	86	86	79	79	81.1
	MIN	65	66	63	63	63	66	58	52	54	66	68	64	58	46	46	45	55	60	63	66	66	69	63	59	63	66	66	62	67	67	63	61.3
OWENSBORO 2 W	MAX	90	92	91	92	95	88	80	80	84	86	86	75	72	65	61	68	63	79	84	78	85	83	80	78	86	81	73	87	86	86	80	81.1
	MIN	57	62	63	59	63	65	56	50	56	65	70	66	61	48	48	40	48	54	62	67	66	62	67	56	61	65	67	60	63	69	64	60.0
PAOUCAH FAA AIRPORT	MAX	89	88	85	87	92	85	76	76	84	85	85	70	76	63	63	67	65	85	83	78	86	80	76	77	83	86	81	88	85	81	81	80.2
	MIN	56	64	66	65	65	69	57	51	58	64	68	63	57	44	44	39	57	58	68	67	68	69	63	56	62	67	65	61	66	66	66	60.9
PAOUCAH	MAX	91	90	89	89	93	90	83	78	83	86	84	75	78	74	66	71	66	85	85	80	87	84	81	80	85	88	85	87	88	83	83	82.8
	MIN	56	61	61	61	64	68	55	51	58	64	68	65	61	45	44	38	55	58	68	66	68	68	63	56	61	66	66	62	65	67	65	60.5
PIKEVILLE	MAX	82	91	93	93	93	90	89	82	82	88	90	87	80	63	61	68	75	78	92	86	87	85	85	79	89	87	88	89	91	81	87	84.2
	MIN	53	55	56	61	57	59	62	54	49	60	61	64	63	53	42	42	42	53	57	60	65	62	65	65	56	67	60	66	64	67	67	58.3
PRINCETON	MAX	90	90	88	90	87		79	82	85	85	86	80	77	66	66	72	64	84	84	84	85	80	80	80	85	84	80	86	85	80	80	81.3
	MIN	55	55	56	56	59		50	56	65	65	60		58	46	44	36	50	56	60	67	67	62	66	58	61	66	64	59	64	68	61	58.3
RICHMOND	MAX	82	80	88	88	87	90	88	84	74	84	82	84	81	77	53	57	60	68	78	87	74	77	85	81	78	86	84	79	85	86	77	79.5
	MIN	53	55	59	55	60	61	60	48	50	55	63	65	62	46	38	38	40	50	52	63	64	59	62	61	53	62	64	62	62	67	63	56.5
RUSSELLVILLE	MAX	91	90	88	90	93	89	80	79	83	84	87	80	80	63	64	69	65	85	87	88	86	82	82	79	88	84	80	88	86	79	82	82.3
	MIN	59	62	61	56	58	56	59	48	57	62	70	64	60	49	42	37	44	53	65	66	65	64	64	59	60	64	63	59	63	66	61	58.6
ST JOHN BETHLEHEM ACO	MAX	83	84	88	86	88	91	89	74	75	82	81																					

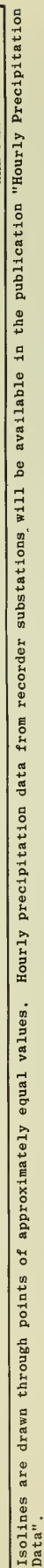


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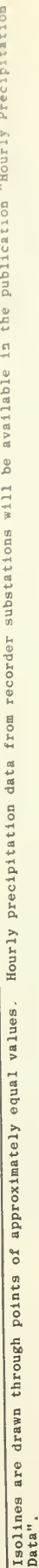


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# STATION INDEX

KENTUCKY  
MAY 1959

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES	OBSERVER
STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES	OBSERVER
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 35	86 34	380	TA	C
ADOLPHUS 1 N	0043	ALLER	3	36 39	86 16	600	TA	C
ALBANY 4 N	0063	CLINTON	2	36 45	85 08	1000	TA	C
ALLEN	0095	FLOYD	1	37 35	82 43	658	TA	C
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P
APER 2 NE	0185	MULLENBERG	3	37 08	87 19	510	TA	C
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6P	TA
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P
BARSTOWN S J PREP SCH	0397	NELSON	3	37 48	85 28	631	6P	6P
BARTER	0450	HARLAN	2	36 51	83 20	1164	TA	C
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P	5P
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P
BEEBA COLLEGE	0619	HADISON	4	37 34	84 18	1070	6P	6P
BEEBA WATER WORKS	0624	HADISON	4	37 33	84 15	1010	TA	C
BLAINE	0752	LAWRENCE	1	38 02	82 50	702	6P	6P
BLEDSOE 2 SSE	0770	HARLAN	9	36 54	83 25	497	TA	C
BOWTIEVILLE	0854	HART	3	37 23	85 54	670	6P	6P
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	TA	C
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A	5A
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MID	MID
BRENT DAM 36	0948	CAMPBELL	4	36 54	83 20	1870	TA	C
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	TA	C
BURDICK 2 NE	1120	PIKE	1	37 13	82 35	1643	8A	8A
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	TA	C
CADIZ LOCK E	1206	TRIGG	2	36 48	85 28	424	TA	C
CALHOUN LOCK 2	1257	MC LEAN	3	37 32	87 16	402	TA	C
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P
CANNYVILLE	1344	GRAYSON	3	37 25	86 30	600	TA	C
CARROLL LOCK 1	1395	CARROLL	4	38 41	85 11	480	6P	6P
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	TA	C
CLEMMONT 1 SSE	1611	BULLITT	8	37 55	85 40	474	5P	5P
CLINTON	1631	HICKMAN	6	36 41	89 00	390	TA	C
COBB	1663	CADWELL	2	36 59	87 41	499	TA	C
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	TA	C
COVINGTON WB AIRPORT	1855	BOONE	7	38 04	84 40	869	MID	MID
CUMBERLAND FALLS ST PK	1949	WHITLEY	3	36 50	84 19	1070	5P	5P
CYNTHIANA	1998	HARRISON	5	38 23	84 16	684	TA	C
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A
DANVILLE	2040	BOYLE	4	37 39	84 46	955	TA	C
DAVELLA	2053	HARTIN	1	37 48	82 32	718	TA	C
DELPHIA 1 E	2132	PERRY	4	37 02	83 47	1641	8A	8A
DELA	2139	KNOTT	1	37 25	82 48	850	TA	C
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	TA	C
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	TA
DUNDEE BANNETTS FORD BR	2358	OHIO	3	37 33	86 43	440	TA	C
DUNNOR	2366	MULLENBERG	3	37 05	87 00	592	TA	C
DYER	2391	BRECKINRIDGE	7	37 03	86 11	793	TA	C
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	TA	C
EDMONTON	2469	METCALFE	3	37 00	85 37	865	TA	C
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P	6P
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	TA	C
ELKTON 2 S	2548	TODD	8	36 47	87 10	720	TA	C
FALMOUTH	2775	PENDELTON	5	38 40	84 20	560	6P	TA
FARMERS	2791	ROWAN	5	38 09	83 33	660	4P	TA
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	878	TA	C
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P	MID
FORD LOCK 10	2953	HADISON	4	37 34	84 16	660	6A	6A
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P	6A
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A	6A
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 36	674	TA	C
FREEDBURG 2 SW	3046	PIKE	1	37 33	82 10	739	TA	C
FRENCHBURG	3052	HEWITT	5	37 57	83 39	864	TA	C
GAHALLIE	3112	MORRIS	3	36 38	85 48	860	TA	C
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A	8A
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	TA	C
GLASGOW	3241	BARREN	3	37 00	85 55	780	TA	C
GLASGOW WKEY	3246	BARREN	3	37 00	85 55	808	6P	6P
GLENDALE 1 E	3252	HARDIN	3	37 36	85 54	710	TA	C
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P	6P
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	TA	C
GRAYSON 1 SE	3392	EARTER	1	38 19	82 56	900	6A	6A
GREENSBURG	3430	GREEN	3	37 15	85 30	590	TA	C
GREENSBURG HWY 61 BR	3435	GREEN	3	37 15	85 30	590	TA	C
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	TA	C
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P	5P
HALES MILL	3539	CHRISTIAN	3	37 03	87 20	740	TA	C
HARTFORD & NW	3652	OHIO	3	37 32	86 54	429	TA	C
HAZARD	3709	PERRY	4	37 15	83 12	869	TA	C
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	TA	C
HEDENBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P	6A
HENDERSON 4 SW	3762	HENDERSON	7	37 47	87 37	382	6P	6P
HENDON	3790	CHRISTIAN	2	36 48	87 34	512	TA	C
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	-	TA	TA
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	TA	C
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A	6A
HINDMAN SETTLEMENT SCH	3859	KNOTT	4	37 20	82 59	1080	8A	8A
HODGEVILLE MAT PARK	3929	LAMUE	3	37 32	85 44	788	TA	C
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	TA	TA
HYDEN	4093	LESLIE	4	37 10	83 23	-	TA	TA
INEZ	4134	HARTIN	1	37 52	82 32	638	6P	6P
IRVINGTON	4165	BRECKINRIDGE	7	37 53	86 11	646	7P	7P
JACKSON	4196	BREATHITT	4	37 33	83 23	795	TA	TA
JEREMIAN	4255	LEITCHER	4	37 10	82 56	1150	5P	5P
KEENE 1 NNE	4369	JESSAMINE	4	37 57	84 38	943	TA	TA
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	86 16	382	5A	5A
LA GRANGE 1 SW	4595	OLDHAM	7	38 24	85 24	874	6A	6A
LAMAR	4620	GARRARD	4	37 37	84 35	1032	8A	8A
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P	6A
LEXINGTON WB AIRPORT	4746	PAYETTE	4	38 02	84 36	979	MID	MID
LIBERTY	4755	CASEY	4	37 21	84 55	772	TA	C
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	560	TA	C
LOCKPORT LOCK 2	4851	HENRY	4	38 26	84 58	485	6A	6A
LOGLOCK 1 S	4882	CLARK	4	37 51	84 02	773	TA	C
LONDON 3 W	4893	LAUREL	2	37 08	84 08	1277	MID	MID
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	MID	MID
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	TA	C
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A	8A
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P	6P
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	TA	C
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID	MID
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 11	85 40	403	6A	6A
LOVELACEVILLE	4987	BALLARD	6	36 58	88 50	370	6P	6P
LUCAS	5002	BARREN	3	36 53	86 02	738	TA	C
HADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	TA
HAMMOTH EAVE PARK	5097	EDMONSON	3	37 11	86 06	600	5P	5P
HAMMOTH 4 SE	5111	CLAY	4	37 04	83 43	850	6P	TA
HAYFIELD	5250	GRAVES	6	36 44	88 39	364	6P	TA
HAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	515	TA	C
MC KEE	5291	JACKSON	2	37 26	84 00	1000	TA	TA
MC KINNEYSBURG	5301	PENDELTON	5	38 36	84 16	662	5P	5P
META	5370	PIKE	1	37 34	82 27	730	6P	6P
MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	5P	TA
MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130	TA	C
MIDWAY	5407	WOODFORD	4	38 09	84 41	-	8A	8A
MILLERSBURG	5430	BOURBON	5	38 18	84 09	769	5P	5P
MILLERSBURG	5438	GRAYSON	3	37 27	86 03	588	TA	TA
MONTICELLO	5524	WAYNE	2	36 50	84 50	960	6P	TA
MORCHHEAD STATE COLLEGE	5555	ROWAN	5	38 11	83 26	770	TA	C
MOUNT STERLING	5640	WHITGOMERY	5	38 04	83 56	930	5P	5P
MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 20	1137	5P	5P
MURFORDVILLE 1 N	5684	HART	3	37 16	85 53	636	6P	6P
MURRAY	5694	CALLOWAY	9	36 36	88 20	622	6P	6P
MURRAY HILL	6012	CARTER	7	38 18	83 11	772	TA	C
OLNEY	6020	HOPKINS	7	37 14	87 47	553	8A	8A
ONEIDA	6028	CLAY	4	37 16	83 39	750	TA	C
ONEONTA DAM 35	6033	CAMPBELL	7	38 58	84 18	512	TA	TA
ONEONTA DAM 46	6039	DARLINGTON	7	37 47	87 08	404	TA	C
ONEONTA DAM 46	6096	DAVIESS	7	37 47	87 08	404	TA	C
PADUCAH FAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	MID	5P
PADUCAH	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P
PADUCAH SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325	5P	5P
PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	TA	C
PIKEVILLE	6353	PIKE	1	37 29	82 31	686	5P	6P
PINEVILLE	6384	BELL	2	36 45	83 42	1002	TA	TA
PRINCETON	6575	CADWELL	2	37 06	87 52	529	5P	5P
RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	TA	C
RICHMOND	6805	HADISON	4	37 44	84 18	1085	8A	8A
ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	TA	C
RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	TA
RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	TA	C
SADEVILLE	7074	SCOTT	4	38 23	84 33	791	TA	C
SADEVILLE	7091	HARDIN	8	37 42	85 59	777	TA	TA
SADEVILLE	7096	HARD						



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U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Acting Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY

JUNE 1959  
Volume LIV No. 6



ASHEVILLE: 1959



KENTUCKY - JUNE 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 29th at Louisville WB AP

Lowest Temperature: 40° on the 19+ at Blaine

Greatest Total Precipitation: 6.24 inches at Delphia 1 E

Least Total Precipitation: 0.39 inch at Gest Lock 3

Greatest One-Day Precipitation: 3.50 inches on the 2nd at Delphia 1 E



## CLIMATOLOGICAL DATA

KENTUCKY  
JUNE 1959

Station		Temperature										Precipitation										Wind										Relative Humidity									
		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
																						Per. of Days					Average					Max. Gust									
																						Per. of Days					Average					Max. Gust									
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
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Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover		Longest Frost Cover		Per. of Days					Average					Max. Gust					Max. Gust				
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Station		Average Minimum		Average Maximum		Average		Extreme Low		Extreme High		Wettest Month		Driest Month		Longest Snow Cover		Longest Ice Cover																							



## CLIMATOLOGICAL DATA

KENTUCKY  
JUNE 1959

CONTINUED

Station		Temperature												Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
											60° or Above	32° or Below	32° or Above	0° or Below											
PIKEVILLE	86.6M	59.8M	73.2M		97	30	45	18	7	9	0	0	0	3.44	- 1.03	1.78	2	.0	0		5	2	1		
SOMERSET 1 N	82.6	58.1	70.4		92	30+	47	15	10	3	0	0	0	4.39		1.60	24	.0	0		6	4	2		
VANCEBURG DAM 32	84.4	59.7	72.1		92	29+	48	19+	5	8	0	0	0	2.83	- 1.42	1.09	23	.0	0		4	2	1		
WEST LIBERTY	83.9	56.2	70.1		94	30	42	14	26	4	0	0	0	1.75		.71	2	.0	0		5	2	0		
WILLIAMSBURG 2	86.1	58.0	72.1	- 2.4	95	30+	45	15	6	6	0	0	0	3.02	- .73	1.02	25	.0	0		6	2	1		
DIVISION			71.0	- 2.4										2.82	- 1.42			.0							

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SW	18	7.3	30++	WSW	26	77	82	50	54	2	4	2	0	1	1	10	-	6.1
LEXINGTON WB AIRPORT	SW	13	8.4	-	-	-	82	83	51	58	2	2	3	2	1	0	10	-	5.3
LOUISVILLE WB AIRPORT	WSW	11	8.3	36	SW	26	79	82	49	51	2	5	2	1	0	0	10	65	5.2

See Reference Notes Following Station Index



# DAILY PRECIPITATION

KENTUCKY  
JUNE 1959

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
2.132		.31								.04	.08	.05												.14								
2.01		.99								.10	.27														.40	.30						
1.22		1.14																						.70	.45	.94						
1.48		.55																						.18	.30							
.47	T	.04	.10			.04					.18	.07											T	.20	.04	T						
2.11	.04	.22								.02	.65	.62	.04												.14	.18						
1.71		.85	.10											.18										.37	.10	.02	.11	.14				
1.35	.18	.80																						1.67	.50	.13	.94					
2.59		.14				.01	.25			.04	.93		.22												.94	.08						
1.00	.05	1.25	.25		.05								.05											.05	1.30							
5.2	T	2.12									.28	.03	.05										1.12	.75	.87	.03						
1.11	.08	1.65	.32											.10	.10									.02	.02	.51	.08	.02				
1.32	.13	.05								.50	.33	.18	.08											.02	.08							
1.82	.34	.02																						.05	.18	.70	.25					
1.71		.09	.02			T								.22										.02	.24	.71	.27	.14				
1.54		.68											.04											.42		.12	.28					
4.15	.61	.04			.39	.25					.11	.32	T			T							1.17	.12	.58	.12	.64					
1.18	.01	.91									.03	.12	.50											.03	1.87							
3.97	.08	1.38									.05	.06	.72												.09	.59	T					
1.48		.54									.11	.16											T	.02	2.65	T						
2.98		.32	.01										.62									T		1.72	.01		.08	.22				
2.17		.06								T	.17	.29												.79	.25	.56		.05				
2.60														.62										.15	.28	1.48	.15					
1.44	T	.17	T			.04	T				.28	.04													.08	.71	.14	T				
3.66		.76							.12	.88	1.24													.43	.23							
2.28		T									.34	.51	.49												.41	.39	.12	T				
2.19	.07	.04		T	.02						.05	.22				.04								.07	1.14	.24	.11					
4.31		.34									.17	.07												2.67	.52	.40	.14					
1.28		.05									T	T	.04											.02	.62							
2.18		.05	.18									.05		.32										.10	.30	.05	1.08	.05				
1.57		.18				.05					.07	.33											T	.04	.81	T	.07					
4.47		.21									1.00	2.88	.10												.28							
2.44		.06	.10		.97						T	.02		.27											.18	.54	.10	.20	.02			
3.85		.20									T	1.73	.09										3.17	.09	.02	.48	.07					
4.06	.89	.20		.22		.02						1.32													1.00	.13	.26	.82				
2.67		.32	.53										.97											T	T	T	.71	.14				
2.56		.30	.56										1.00												.04	.02	.54	.10				
2.97		.13	.02			.29					T		.05												.31	.36	1.50	.01	.80			
6.24	.45	3.50	.52											.40	.32											.15	.58	.32				
3.60		.79	.14											.40											1.39	.12	.76					
.92		.08	T										T											.23	.02	.48	T	.11				
4.78		1.75									.15	.10	.07												.68	.85	1.18					
1.75		.40									.12	.54												.42				.27				
1.78		.13								.05	.60	.35	.05												T	.10	T					
3.93	.32					.95					.10													.48	.58	1.20	.30					
2.05							T				.18	.45		.62										.09	.12	.95	.26					
3.67	.20	.96	.17																						.36	.70	.36	.30				
2.97	.02	.90				.03				T	.70	.14	.32												T	.45	.41	T				
3.11		.45	.14										.42												1.57	.35	.05	.15				
3.99		.11	.05										.03												.20	.33	.13	2.34	.80			
5.97		.49											.45												1.76	.24	.08	2.70	.27			
4.91		.77										.93													.56	.02	2.75	.28				
3.68		1.19	.12			.05					T	.34	.22	.81	T		T								.03	.37	.40	.46	.11			
3.53											.22	.34	.22												.32	1.30	.80	.03	.80			
1.86		.80	.09		.11							.15	.02												.19	.30	.04	.10	.04			
1.22		.55									T	T	T	.95												.38	.23	.09	.37	.88		
4.53		1.79	.04											.01												.56	.28	T				
2.82	.02	1.24	.02			.44					.02	.25														.18	.10	.41	.07			
1.62		.71			.03						.02	.10														.13	.03	.02				
.39		.05	.08								.06	.02																				
5.51		2.08			.05								.48												1.10	.30	1.18	.04	.28			
5.78	1.61	.05			.02						.03	.47												.98	.03	1.24	.78	.55				
3.47		1.90			1.20						.52	.13													.							



# DAILY PRECIPITATION

KENTUCKY  
JUNE 1959

CONTINUED

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ONEONTA DAM 35	2.85		1.03	.16									.06											1.06	.03		.33	.18						
OWENSBORO 2 W	2.74		.10								.40	.35	.47	.17										.40	.40	.44							T	
OWENSBORO DAM 46	3.18		.23								.36	.53	.60											.39	.15	.80		.12						
PADUCAH FAA AIRPORT	3.12	T								.48	2.07	.15											T		.34		.08							
PADUCAH	2.86	T								1.00	1.30	.23												T	.33									
PAINTSVILLE	2.36		.60	.19										.29											.62	.25	.18	.23						
PIKEVILLE	3.44		1.78										.12											.41	T	.86	.27							
PINEVILLE	4.73	.37	1.00	.03			.04	T						.47										.03	1.79	.49	.51							
PRINCETON	1.21	.12								.29	.63	.02												.10	.05									
RAVENNA LOCK 12	1.99		.26	.06										.26										.09	T	.15	.85	.32						
RICHMOND	2.09		.85	.06			.01						T	.04	T									.56	.01	.16	.33	.07						
ROCHESTER LOCK 3	2.93		.10								.22	.22	.05											.94	.45	.95								
RUSSELLVILLE	2.12		.75				.18				.18	.17	.19											.04	.01	.56								
RUSSELLVILLE SUBSTA	1.68		.73				.10				.14	.19	.20											.07	.23	T	.02							
ST JOHN BETHLEHEM ACAA	2.44		.51									.22	.05											.59	.27	.75		.05						
SALVISA LOCK 6	1.67		.34	.06			.02				.01	.23												.07	.41	.16	.09	.28						
SALYERSVILLE 2 SE	3.34		.59	.06										.71											1.54	.02	.18	.24						
SCOTTSVILLE	3.26	1.25									.07	.10												.63	1.21									
SEBREE	4.65	.66									1.17	.30											.58	.46	.33		1.15							
SHAWNEE STEAM PLANT	3.10									.05	.47	1.39	.16											.29	.25	.39		.10						
SHELBYVILLE 2 W	1.47		.11				.12				T	.11												.22	.75	.13	.03							
SHEPHERDSVILLE	2.04		.40								.02	.27	.09											.05		1.00		.21						
SOMERSET 1 N	4.39	.02	.27			.01	.02				T	.58	1.07										T		1.60	.19	.63							
SPRINGFIELD	2.93		1.10				.67																	.15		.66	.35							
STEARNS	2.46	.16	.30	.15			.18						.14	.06											.60	.37	.50							
SUMMER SHADE	2.47	.30				.92					.06	.20													.80	.19								
SUMMER SHADE SUBSTA	3.09		.37			1.50							.29												.18	.55	.20							
TAYLORSVILLE	1.81		.35								.14	.13	.06												.72	.41								
TURKEY CREEK SCHOOL	3.06		.24							.20	1.66	.68													.22	.06								
TYRONE LOCK 5	4.79		1.86	.06			.50					.43	.27											.15	T	.39	.47	.66						
UNIONTOWN DAM 49	2.53		.03								.20	.96		.02									T	.08	.71	.13		.40						
VALLEY VIEW LOCK 9	1.96		.87	.08		.30					T	T	T											.32	.14	.23	.02	T						
VANBUREN	2.83	RECORD MISSING	.27	.05																														
VANCEBURG DAM 32	2.69		.09	.08			.49							.06									T	1.09	.49	.87								
WAYNESBURG 7 NE														.19										.07	.20	.88	.40	.23						
WEST LIBERTY	1.75		.71											.10											.04	.52	.04	.21	.12					
WILLIAMSBURG 2	3.02	.34	.76	.02			.35	.09						.08											.12	1.02	.24							
WILLIAMSTOWN 5 WSW	2.47		.53	T			T					T	.29	T										.93	.40	1	T		.32					
WILLOW LOCK 13	1.98		.02										.11												.13	.38	.99	.42						
WOLF CREEK DAM	1.51	.06	.09	.01			T				.02	.13	.11												.05	.43	.61							
WOODBURY LOCK 4	4.58		.10				.64				.11	.08	.05												2.74	.09	.34		.43					

See Reference Notes Following Station Index



## MONTHLY AND SEASONAL SNOWFALL

Season of 1958 1959

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ADOLPHUS I N							.9	—	T				—
ALBANY							—	.5	.5				—
ALLEN							—	—	—				—
ANCHORAGE					6.1	.5	5.5	1.5	T	T			8.8
APEX 2 NE					—	—	—	—	—	—			—
ASHLAND DAM 29					—	2.9	—	T	T	T			—
BARBOURVILLE					—	2.0	—	.3	—	T			—
BARSTOWN S J PREP SCH					4.5	—	.7	T	.2	—			—
BAXTER					1.5	—	—	.7	.2	T			—
BEAVER DAM					—	—	—	—	—	—			—
BENHAM					1.0	4.0	13.0	2.0	5.0	1.0			26.0
BENTON 2					—	—	4.0	—	—	—			—
BEREA COLLEGE					1.5	1.0	4.5	1.0	1.0	—			9.0
BEREA WATER WORKS					—	—	—	—	—	—			—
BLAINE					1.0	3.0	4.0	1.0	—	2.0			—
BOWMIEVILLE					—	—	1.0	—	T	—			—
BOWLING GREEN					—	—	—	—	—	—			—
BOWLING GREEN FAA AP					T	T	T	.1	T	—			.1
BRENT DAM 36					9.5	.5	5.8	.3	6.0	—			22.1
BROWNSVILLE LOCK 6					—	—	3.3	T	T	—			—
BURDINE 2 NE					—	5.0	—	T	T	T			—
BURKESVILLE					—	.3	—	.5	—	—			—
CAOIZ LOCK E					—	—	—	2.0	—	—			—
CALHOUN LOCK 2					5.8	T	T	T	T	—			5.8
CAMPBELLSVILLE					2.0	.4	2.8	.3	T	T			5.5
CANEYVILLE					2.0	—	2.0	T	T	—			4.0
COBB					—	—	—	—	—	—			—
COLLEGE HILL LOCK 11					—	1.0	2.0	T	T	—			—
COVINGTON WB AIRPORT					8.3	2.8	8.0	1.6	7.9	.6			29.2
CUMBERLAND FALLS ST PK					—	—	—	—	—	—			—
CYNTHIANA					7.0	T	.2	1.5	3.0	T			11.7
CYNTHIANA 2					6.0	—	—	1.0	—	1.1			—
DANVILLE					7.0	.7	6.9	1.4	.5	1.3			16.8
DELPHIA 1 E					T	—	—	—	—	—			—
DEWEY DAM					1.0	2.0	4.0	T	T	1.0			8.0
DIX DAM					—	—	—	—	—	—			—
DUNDEE BARRETT'S FORD BR					—	—	T	—	—	—			—
DUNMORE					3.4	—	—	1.7	T	—			—
EDDYVILLE LOCK F					—	—	—	1.0	—	—			—
EDMONTON					—	—	—	.5	—	—			—
ELIZABETHTOWN					3.6	T	1.6	T	—	—			5.2
ELKHORN CITY					T	3.0	7.0	—	1.0	—			—
ELKTON 2 S					—	T	T	.5	—	—			—
FALMOUTH					7.0	T	2.0	T	2.0	T			11.0
FARMERS					2.0	.4	3.5	T	T	T			5.9
FLEMINGSBURG					4.5	T	4.0	.2	2.0	4.0			14.7
FLEMINGSBURG 2					3.3	—	—	T	T	—			—
FORD LOCK 10					5.5	T	—	T	—	—			—
FORDS FERRY DAM 50					7.0	T	.6	—	—	—			—
FRANKFORT LOCK 4					6.0	T	.8	T	T	T			6.8
FRANKLIN 1 E					—	—	—	—	.3	—			—
FREEBURN					—	—	—	—	—	—			—
FRENCHBURG					—	.3	—	.6	T	T			—
GAMALIEL					—	—	—	—	—	—			—
GEORGETOWN WATER WORKS					4.2	T	3.5	—	—	T			—
GEST LOCK 3					—	—	—	—	—	—			—
GLASGOW					2.0	—	—	—	—	—			—
GLASGOW WKAY					1.0	T	3.0	1.0	—	—			5.0
GLENDALE 1 E					—	—	—	—	—	—			—
GOLDEN POND 8 N					—	—	—	—	—	—			—
GRANT DAM 38					7.0	—	7.0	T	3.0	—			—
GRAYSON					—	—	—	—	—	—			—
GRAYSON 1 SE					—	—	—	—	—	—			—
GREENSBURG					1.0	.5	3.0	—	T	—			—
GREENSBURG HWAY 61 BR					—	—	1.0	—	—	—			—
GREENUP DAM 30					4.5	.5	—	T	T	1.0			—
GREENVILLE 2 W					—	—	.6	—	—	—			—
HARTFORD 6 NW					5.0	T	T	T	T	—			5.0
HAZARD WATER WORKS					—	—	—	—	—	—			—
HEIDELBERG LOCK 14					1.6	1.4	5.0	3.6	T	—			11.6
HENDERSON 4 SW					8.5	.3	2.5	T	.5	—			11.8
HICKMAN 1 E					—	T	—	—	—	—			—
HIGH BRIDGE LOCK 7					—	—	—	—	—	T			—
HINOMAN SETTLEMENT SCH					—	—	—	—	T	—			—
HOPKINSVILLE					2.5	—	T	1.5	—	—			—
HYDEN					—	—	7.0	—	.3	—			—
INE2					1.5	3.0	4.0	1.0	—	—			—
IRVINGTON					9.0	T	2.0	—	T	—			11.0
JACKSON					—	—	—	—	—	—			—
JEREMIAH					1.0	2.6	4.3	2.0	.3	—			10.2
KEENE 1 NNE					4.0	2.0	2.7	—	1.0	T			9.7
LA GRANGE 1 SWW					9.0	—	2.0	1.0	—	—			12.0
LANCASTER					—	—	—	—	—	—			—
LEITCHFIELD					2.0	—	T	T	T	—			2.0
LEXINGTON WB AIRPORT					3.4	T	3.3	T	.4	.4			7.5
LIBERTY					1.5	.5	1.5	.5	—	—			—
LITTLE HICKMAN LOCK 8					4.0	—	—	T	T	—			—
LOCKPORT LOCK 2					—	—	—	—	—	—			—
LONDON FAA AP					T	1.7	3.3	T	T	—			5.0
LOUISA 2					1.0	3.0	5.0	1.0	T	T			10.0
LOUISVILLE					6.0	—	—	T	—	—			—
LOUISVILLE WB AP					5.5	.6	1.5	T	T	—			7.6
LOUISVILLE UPPER GAGE					5.2	T	.5	T	T	—			5.7
LOVELACEVILLE					5.0	—	—	2.0	T	—			—

See Reference Notes Following Station Index



# MONTHLY AND SEASONAL SNOWFALL

CONTINUED

Season of 1958 - 1959

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	
MADISONVILLE 1 SE					2.2		T		-				-	
MAMMOTH CAVE PARK					-		4.6	.5	T				-	
MANCHESTER 4 SE					-	1.0	3.0	T	-	T			-	
MAYFIELD					-		-	1.5					-	
MAYSVILLE DAM 33					-	T	-	.3	-	T			-	
MCKEE					-	1.3	-	2.0	.8	T			-	
MIDDLESBORO					T	2.0	.8	T	1.9	T			4.7	
MIDWAY					-	T	3.0	T	T	-			-	
MILLERSTOWN					1.5		2.0	.6	T				4.1	
MONTICELLO					-	1.0	1.5	1.0	.3				-	
MOUNT STERLING					-	.5	-	3.5	.5	-			-	
MOUNT VERNON					-	1.5	-	T	-				-	
MUNFORDVILLE 1 N					-	T	3.3	T	.1				-	
MURRAY					.8		1.0	1.0					2.8	
OLNEY					-		-	T					-	
ONEIDA					-	1.5	3.9		T				-	
ONEONTA DAM 35					10.5	T	4.5	-	5.0				-	
OWENSBORO 2 W					4.5	T	1.6		-				6.1	
OWENSBORO DAM 46					-		.3	-	-				-	
PADUCAH FAA AIRPORT					4.0	T	T	2.0	T				6.0	
PADUCAH					4.0		T	1.0					5.0	
PAINTSVILLE					1.0	2.0	1.5	T	T	T			4.5	
PIKEVILLE					T	3.0	2.6	T	T	T			5.6	
PINEVILLE					-	1.0	4.0	T	T	T			-	
PRINCETON					-		1.0	T					-	
RAVENNA LOCK 12					-	.5	-	T	-				-	
RICHMOND					2.5	.7	6.3	1.0	1.3	.5			12.3	
ROCHESTER LOCK 3					-		1.0	.5	T				-	
RUSSELLVILLE					3.0		-		-				-	
ST JOHN BETHLEHEM ACAD					6.0	-	T		T				-	
SALVISA LOCK 6					-	T	-	T	-				-	
SALYERSVILLE 2 SE					-	2.0	-	-	-				-	
SCOTTSVILLE					1.0		T		T				1.0	
SEBREE					7.5	T	T	-	-	-			-	
SHELBYVILLE 2 W					-		2.1	.3	-	T			-	
SHEPHERDSVILLE					-		-	-	-				-	
SOMERSET 1 N					-	-	1.5	-	T	T			-	
SPRINGFIELD					3.5		T	-	-				-	
STEARNS					-	-	-	T	-				-	
SUMMER SHADE					T	T	1.5	T	.3	T			1.8	
TAYLORSVILLE					6.5		1.7	1.0	.2				-	
TYRONE LOCK 5					-		-	T	-				-	
UNIONTOWN DAM 49					-		-	-	T				-	
VALLEY VIEW LOCK 9					3.0	1.0	1.0	T	T	T			5.0	
VANBUREN		-	-	-	-	-	-	-	-	-	-	-	-	
VANCEBURG DAM 32					5.0		2.0		-				-	
WAYNESBURG 7 NE					2.0	3.0	3.0	1.0	-				-	
WEST LIBERTY					1.4	2.0	6.8	1.5	.5	5.0			17.2	
WILLIAMSBURG 2					-	-	2.0	T	-				-	
WILLIAMSTOWN 5 WSW					8.0	2.5	4.0	T	4.0	T			18.5	
WILLOW LOCK 13					-	1.0	-	1.0	-				-	
WOLF CREEK DAM					-	T	-	-	-				-	
WOODBURY LOCK 4					-		.5	.5	-				-	

See Reference Notes Following Station Index



# DAILY TEMPERATURES

KENTUCKY  
JUNE 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	83	75	76	79	83	82	87	87	86	80	82	85	80	76	79	82	79	76	80	85	87	83	85	78	87	87	92	91	92	95	83.3	
	MIN	65	61	71	49	77	56	78	78	60	64	67	67	63	77	49	54	54	51	47	51	59	62	66	65	66	69	68	68	68	68	59.9	
ASHLAND DAM 29	MAX	89	74	74	81	81	85	85	88	87	86	89	86	81	74	77	81	72	74	77	86	90	87	78	83	90	89	93	94	96	96	84.2	
	MIN	66	60	57	54	76	56	59	61	62	63	61	69	69	47	48	54	51	50	49	53	56	62	65	66	70	68	67	71	71	70	60.4	
BARBOURVILLE	MAX	84	80	79	83	83	80	90	90	90	88	88								80	80	80	90	90	90	86	85	90	94	95	95	86.1	
	MIN	64	65	49	70	77	78	60	74	63							45	43	45	47	52	55	63	65	67	64	65	65	69	69	58.5		
BARSTOWN S J PREP SCH	MAX	87	80	78	84	84	84	89	89	88	84	84	86	85	77	82	84	83	78	79	85	89	82	83	86	87	88	92	94	92	94	85.2	
	MIN	66	62	54	48	78	78	78	78	63	67	68	67	71	47	49	53	55	52	48	48	58	64	64	68	70	70	68	70	68	67	60.6	
BAXTER	MAX	80	81	77	78	82	82	80	85	84	85	88	87	84	85	76	82	81	79	76	78	83	88	86	87	75	82	90	88	93	92	83.3	
	MIN	64	65	70	53	74	78	78	78	74	75	78	79	64	47	44	49	50	46	48	49	50	56	59	63	68	65	66	67	68	68	57.4	
BEAVER DAM	MAX	86	77	78	80	82	84	87	88	81	83	85	89	83	77	82	86	84	81	80	86	89	88	86	85	88	90	92	93	93	93	85.2	
	MIN	65	60	56	52	59	76	60	62	62	64	65	64	67	50	50	54	58	53	54	52	59	66	66	69	68	71	68	70	70	69	61.2	
BENHAM	MAX	86	81	73	75	81	84	80	85	89	85	87	88	85	80	67	80	80	77	74	77	85	88	88	85	78	85	90	92	93	93	83.0	
	MIN	59	62	57	46	51	54	59	52	71	54	73	58	60	48	42	44	51	41	43	44	50	54	61	64	65	60	62	60	61	62	54.3	
BENTON 2	MAX	82	77	78	79	80	83	88	86	85	82	81	88	87	79	83	88	88	83	79	85	88	89	84	84	88	91	93	92	95	95	85.3	
	MIN	65	62	53	47	56	52	76	79	62	68	66	65	67	53	48	51	58	54	57	48	48	64	64	70	68	70	51	69	69	70	59.7	
BEREA COLLEGE	MAX	83	72	74	82	83	84	83	88	86	83	85	87	84	77	82	85	80	78	80	85	91	88	85	81	89	92	93	93	96	96	84.8	
	MIN	62	60	59	49	71	57	54	62	60	64	66	66	69	45	50	50	58	45	45	51	58	63	73	66	69	70	70	71	72	69	60.1	
BLAINE	MAX	88	76	75	82	84	85	87	89	87	88	89	83	84	82	80	79	74	76	79	85	89	85	82	81	88	88	91	92	94	94	84.5	
	MIN	62	61	53	48	70	51	50	77	56	57	56	62	58	40	41	46	42	42	40	44	52	53	64	63	65	61	62	65	65	65	54.2	
BONNIEVILLE	MAX	85	75	77	81	81	83	88	87	86	81	80	86	84	76	84	81	78	79	84	87	86	85	84	83	87	88	90	91	91	92	83.8	
	MIN	64	64	53	48	75	60	76	78	78	65	69	67	68	46	47	50	54	47	47	48	59	61	67	68	69	67	64	71	69	67	59.4	
BOWLING GREEN FAA AP	MAX	83	78	78	80	78	83	88	87	82	84	84	89	85	78	82	88	85	78	80	86	91	90	88	78	88	90	91	93	96	98	85.3	
	MIN	65	68	57	71	60	58	60	62	62	66	68	66	60	50	50	53	60	55	56	51	58	64	66	69	69	68	68	70	72	69	61.6	
CAMPBELLSVILLE	MAX	86	75	79	83	84	85	89	89	88	84	83	87	85	79	85	85	84	80	82	88	89	87	87	78	84	88	91	90	92	94	85.3	
	MIN	66	64	55	50	57	61	78	61	61	68	68	67	69	48	49	53	56	50	49	52	58	64	67	68	70	68	68	70	70	70	61.2	
CARROLLTON LOCK 1	MAX	86	80	76	79	82	85	87	89	87	84	85	89	87	71	80	87	80	74	80	86	90	85	83	80	89	90	93	93	96	97	85.0	
	MIN	64	62	52	50	53	58	57	58	60	65	69	69	62	48	52	53	52	49	47	51	61	63	62	68	73	70	71	69	71	70	60.3	
CLERMONT 1 SSE	MAX	88	82	80	82	86	88	88	90	90	93	82	90	89	84	84	89	82	83	84	89	92	90	85	89	90	90	92	93	95	96	87.8	
	MIN	60	61	51	47	54	56	55	57	58	65	68	65	66	47	45	52	49	50	47	50	57	65	68	67	72	73	70	69	69	67	59.3	
COVINGTON W8 AIRPORT	MAX	85	73	79	82	85	86	91	92	84	85	82	85	75	72	75	83	73	72	79	84	87	83	79	81	82	86	94	93	94	94	83.3	
	MIN	67	59	52	50	54	58	60	64	66	66	68	69	58	49	56	55	52	54	49	50	56	65	66	68	70	71	72	72	72	73	61.9	
CYNTHIANA 2	MAX	88	87	76	77	81	84	86	89	90	89	85	89	88	82	76	78	85	75	74	81	86	91	88	87	79	90	90	93	93	95	85.1	
	MIN	62	59	51	46	52	51	51	55	57	59	66	66	67	44	50	50	48	44	44	47	59	59	60	64	70	67	69	66	66	66	57.2	
DANVILLE	MAX	84	84	74	76	81	83	83	86	88	83	83	84	87	84	78	83	83	79	78	81	88	89	85	83	75	86	88	90	90	92	83.6	
	MIN	64	64	45	51	53	57	57	59	60	63	67	67	67	47	52	54	55	50	48	48	51	57	63	66	68	71	69	69	73	70	60.5	
DEWEY DAM	MAX	85	84	74	74	83	83	84	87	88	85	86	89	85	85	75	80	80	74	70	78	84	89	86	77	80	88	89	89	90	93	83.0	
	MIN	63	66	58	53	53	56	56	59	58	60	56	60	64	44	46	51	47	45	45	50	53	56	59	67	67	64	65	65	70	69	57.5	
DIX DAM	MAX	84	77	75	80	83	84	87	88	87	84	86	87	86	81	83	84	82	78	80	85	90	83	83	76	86	90	92	92	95	95	84.8	
	MIN	66	60	53	51	58	56	57	60	61	65	68	67	70	49	53	53	56	51	48	54	60	64	68	66	70	70	69	69	71	70	61.1	
ELIZABETHTOWN	MAX	85	81	78	80	82	84	85	85	88	84	80	86	86	78	81	84	82	80	78	82	88	85	86	83	87	87	90	91	91	92	84.3	
	MIN	64	62	52	47	75	54	55	57	58	67	67	63	63	46	48	50	56	48	46	47	55	62	67	68	69	69	63	66	65	64	58.4	
FALMOUTH	MAX	87	79	78	82	84	88	89	90	88	85	83																					



# DAILY TEMPERATURES

KENTUCKY  
JUNE 1959

CONTINUED

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEXINGTON WB AIRPORT	MAX	83	74	74	78	80	83	85	88	84	83	85	88	81	76	79	83	75	76	79	84	88	83	84	77	87	88	91	92	93	95	83.2	
	MIN	65	59	54	55	60	55	63	64	65	66	69	69	55	48	58	57	55	52	52	57	63	65	68	67	71	71	70	70	72	72	62.2	
LONDON FAA AIRPORT	MAX	83	75	74	78	80	81	85	85	83	84	85	82	83	73	80	81	74	74	77	84	87	87	84	76	83	89	90	91	92	93	82.4	
	MIN	65	62	56	52	55	59	58	58	58	63	65	64	60	49	49	50	58	50	49	50	56	59	67	68	69	66	67	66	68	69	59.4	
LOUISVILLE	MAX	89	84	80	85	84	87	90	93	95	87	86	92	89	79	85	90	89	90	84	88	92	89	92	85	92	91	94	96	96	99	89.1	
	MIN	71	63	58	58	54	59	60	69	67	70	69	70	70	52	60	60	59	57	58	59	66	71	70	70	73	74	72	75	75	76	65.5	
LOUISVILLE WB AP	MAX	87	75	79	82	85	87	91	93	91	84	85	94	81	79	85	88	82	79	82	87	93	86	88	81	91	90	96	99	100	99	87.3	
	MIN	70	64	57	54	62	60	61	66	67	69	69	69	58	52	54	58	59	56	53	56	62	71	71	71	74	74	71	76	73	74	64.4	
LOVELACEVILLE	MAX	84	77	80	80	81	83	87	88	78	78	85	86	83	76	83	89	88	81	80	86	87	88	85	82	88	89	91	93	96	96	84.9	
	MIN	64	62	56	57	57	54	60	64	67	67	68	68	66	52	51	54	62	56	61	54	59	67	67	72	71	70	70	73	68	71	62.9	
MADISONVILLE 1 SE	MAX	83	76	77	79	78	83	85	88	85	81	84	89	87	76	82	85	85	81	80	87	86	85	86	83	88	89	90	91	92	97	84.6	
	MIN	64	62	57	51	58	55	58	60	62	65	68	66	68	49	49	53	61	54	54	53	60	66	67	70	71	73	69	75	69	70	61.9	
MAMMOTH CAVE PARK	MAX	82	76	78	80	80	85	87	86	85	82	80	88	84	77	83	85	83	80	80	85	88	87	88	80	88	90	92	91	92	93	84.5	
	MIN	61	61	53	46	53	56	55	57	57	62	67	63	67	46	46	49	54	46	46	47	54	60	63	64	65	65	64	67	67	64	57.5	
MANCHESTER 4 SE	MAX	85	79	78	82	85	85	88	90	88	90	89	85	87	79	85	83	79	77	79	85	91	90	89	79	87	91	93	95	95	96	86.1	
	MIN	64	67	58	50	55	59	57	55	53	58	59	62	64	44	45	47	52	43	46	47	53	55	64	66	69	64	65	66	68	69	57.5	
MAYFIELD	MAX	82	79	80	81	82	84	88	87	82	80	78	89	85	79	85	90	91	81	81	86	88	90	85	80	86	88	90	92	95	96	85.3	
	MIN	67	61	56	52	60	58	61	64	67	66	67	67	67	52	52	57	63	57	61	54	61	71	67	71	71	72	73	74	70	73	63.7	
MAYSVILLE OAM 33	MAX	88	85	73	75	80	82	85	86	89	87	87	86	86	78	75	75	81	72	73	80	85	90	86	80	80	86	86	91	91	94	83.1	
	MIN	63	60	52	50	52	54	56	58	60	61	62	65	65	44	47	49	47	47	45	46	50	63	65	65	69	65	67	68	69	70	57.8	
MIDDLESBORO	MAX	83	81	78	82	82	83	87	87	85	87	87	84	86	79	82	83	81	78	79	84	89	88	89	85	84	90	91	94	94	94	85.2	
	MIN	67	68	58	50	54	56	57	56	53	56	59	62	64	47	42	44	50	44	44	47	52	54	59	65	69	66	65	67	66	68	57.0	
MONTICELLO	MAX	82	75	77	81	82	83	85	86	85	86	85	85	85	76	82	84	82	78	80	85	88	88	88	82	84	89	89	91	92	92	84.2	
	MIN	65	66	58	48	57	58	56	59	61	59	67	66	64	47	46	48	53	48	46	48	55	60	63	68	70	67	66	67	69	68	59.1	
MOUNT STERLING	MAX	85	73	73	79	81	83	85	87	86	86	83	86	85	74	78	82	78	73	78	85	88	85	82	78	86	88	90	96	98	93	83.5	
	MIN	65	58	53	51	57	54	58	61	61	63	65	67	67	47	53	52	52	49	48	53	61	63	67	66	68	65	68	68	70	68	59.9	
MOUNT VERNON	MAX	84	76	75	80	81	82	85	87	83	84	82	82	85	77	82	82	79	75	78	84	89	87	85	75	86	90	92	93	94	94	83.6	
	MIN	60	61	55	47	54	58	52	60	56	60	67	66	64	48	48	48	52	44	44	47	54	60	66	66	69	67	68	67	70	72	58.3	
MURRAY	MAX	84	78	78	79	80	83	87	86	79	81	82	88	87	78	84	87	88	78	79	87	87	90	85	79	87	90	89	92	94	95	84.7	
	MIN	68	64	58	53	60	57	60	64	68	68	67	67	63	54	52	57	63	57	58	55	62	69	69	70	71	73	73	74	70	74	63.9	
OWENSBORO 2 W	MAX	86	78	81	83	82	87	89	89	80	80	84	89	81	79	84	89	85	81	84	88	89	85	87	82	88	88	91	94	93	94	85.7	
	MIN	67	60	56	54	59	57	61	63	65	66	70	68	66	53	53	58	64	58	59	56	62	69	68	68	70	73	69	73	69	70	63.5	
PAOUCAH FAA AIRPORT	MAX	83	76	79	82	80	82	88	88	76	78	84	87	82	78	86	89	87	78	80	85	85	87	87	82	87	88	91	93	94	94	84.5	
	MIN	66	60	57	52	61	56	60	65	68	67	69	69	60	53	51	56	63	58	61	58	64	71	67	72	71	72	73	74	72	75	64.0	
PAOUCAH	MAX	87	79	82	82	81	85	89	90	86	78	85	90	85	78	85	90	90	81	82	90	89	89	85	90	90	91	95	96	97	97	86.9	
	MIN	66	62	55	52	59	55	59	64	68	67	68	68	66	53	52	55	61	57	60	55	61	68	69	72	70	73	71	70	69	73	63.3	
PIKEVILLE	MAX	88	85	81	85	88	90	91	89	87	87	91	85	88	78	82	78	78	78	80	86	91	88	80	82	89	91	95	95	96	97	86.6	
	MIN	65	59	55	58	60	58	60	60	59	62	56	63	64	46	46	55	51	45	50	51	60	61	68	68	69	69	69	66	70	70	59.8	
PRINCETON	MAX	85	79	82	80	83	85	87	87	82	81	83	90	83	79	85	90	87	80	81	88	88	88	88	84	90	89	93	95	95	98	86.2	
	MIN	64	61	52	51	58	56	60	60	61	63	69	66	64	52	51	54	60	58	57	53	57	65	67	71	69	70	67	71	66	69	61.4	
RICHMOND	MAX	84	85	73	75	85	82	85	87	81	82	83	85	88	84	76	80	80	77	76	78	85	89	86	83	77	86	88	90	91	93	83.3	
	MIN	66	65	53	49	51	54	53	58	58	62	66	66	69	46	51	50	50	49	48	50	58	60	67	65	69	70	67	67	69	68	59.1	
RUSSELLVILLE	MAX	87	79	79	80	81	83	88	88	80	82	83	89	84	84	82	86	85	80	80	87	89	90	90	82	89	91	93	94	94	93	85.7	
	MIN	65	62	57	54	50	57	58	61	64	65	67	68	68	49	48	50	57	51	51	50	56	64	65	69	69	70	71	73	70	66	60.8	
ST JOHN BETHLEHEM ACO	MAX	80	84	76	75	79	82	82	85	85	84	83	80	85	79	76	79	85	80	76	79	82	86	84	84	78	86	87	90	94	92	82.6	
	MIN	65	60	56	53	61	62	63	62	63	69																						



# MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1950 1951

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long term means July June
ANCHORAGE	0	2	41	281	548	1090	1031	760	686	276	62	5	4787	
ASHLAND DAM 29	0	2	42	261	480	1016	958	677	632	245	60	14	4187	
BARBOURVILLE	0	0	24	227	484	929	888	629		260	41	7		
BARDSTOWN S J PREP SCH	0	1	35	275	469		946	710	601	221	53	4		
BAXTER	0	0	27	296	534	1034	1008	717	726	331	57	10	4739	
BEAVER DAM	0	1	23	256	481	1016	945	703	570	218	42	1	4256	
BENHAM	0	1	47	314	536	1014	1049	746	769	335	65	34	4910	
BENTON 2	0	1	30	264	473	954	950	715	521		36	2		
BEREA COLLEGE	0	1	33	253	462	984	923	654	578	219	55	9	4173	
BLAINE	0	1	55	115	564	1078	970	702	689	290	62	29	4755	
BONNIEVILLE	0	3	28	286	512	1022	957	730	649	258	50	8	4503	
BOWLING GREEN FAA AP	0	0	25	242	492	1005	960	718	625	254	47	1	4369	4279
CAMPBELLVILLE	0	0	17	223	471	950	932	661	594	226	51	1	4126	
CARROLLTON LOCK 1	0	4	50	290	517	1083	1027	720	661	256	58	10	4676	
CLERMONT 1 SSE	0	1	33	256	456	1022	972	706	606	242	52	0	4346	
COVINGTON WB AIRPORT	1	2	49	282	561	1171	1102	815	736	292	76	9	5096	
CYNTHIANA 2	0	8	76	328	602	1217	1097	836	753	331	65	21	5334	
DANVILLE	0	1	38	266	496	1104	1035	792	697	281	61	3	4774	
DEWEY DAM	0	0	39	315	517	1081	985	756	695	334	70	20	4812	
DIX DAM	0	0	27	251	478	1019	951	688	626	229	49	2	4320	
ELIZABETHTOWN	0	4	33	297	535	1045	995	744	621	263	49	8	4594	
FALMOUTH	0	3	40	302	565	1129	1027	736	680	287	61	10	4840	
FARMERS	0	2	45	318	522	1045	962	687	651	268	50	19	4569	
FLEMINGSBURG 2	0	2	51	294	552	1102	1040	748	684	285	65	17	4840	
FORDS FERRY DAM 50	0	0	23	205	413	999	983	713	521	198	34	0	4089	
FRANKFORT LOCK 4	0	3	48	297	547	1146	1057	807	746	332	64	7	5054	
GLASGOW WKAY	0	1	27	263	495	989	942	684	603	246	51	5	4306	
GOLDEN POND 8 N	0	2	30	254	466	993	958	700	535	220	40	2	4200	
GRAYSON	0	0												
GRAYSON 1 SE	0													
GREENSBURG	0	2	28	266	497	1058	1001	755	685	279	56	8	4635	
GREENVILLE 2 W	0	2	33	242	456	983	938	683	560	215	42	0	4154	
HEIDELBERG LOCK 14	0	0	32	294	504	1018	965	674	648	276	42	11	4464	
HENDERSON 4 SW	0	3	32	227	467	1031	988	724	549	213	39	2	4275	
HICKMAN 1 E	0	3	17	198	429	969	959	716	605	252	32	0	4180	
HINOMAN SETTLEMENT SCH	0	0	55	345	587	1103	1060	761	735	309	61			
HOPKINSVILLE	0	1	22	226	481	1042	973	733	612	234	40	0	4364	
INEZ	0	0	36	319	570	1036	957	668	702	275	55	32	4650	
IRVINGTON	0	1	35	243	491	1034	979	719	600	237	47	2	4388	
LEITCHFIELD	0	0	34	247	510	1024	953	701	591	216	41	4	4321	
LEXINGTON WB AIRPORT	0	1	39	272	538	1082	1043	766	692	284	63	5	4785	4677
LONDON FAA AP	0	0	20	274	494	1023	998	723	697	311	57	9	4606	
LOUISVILLE	0	0	15	197	463	982	944	685	577	183	36	0	4082	4439
LOUISVILLE WB AP	0	0	23	229	492	1040	1001	723	627	222	51	0	4408	
LOVELACEVILLE	0	1	31	220	454	945	944	705	519	202	35	1	4057	
MADISONVILLE 1 SE	0	1	32	229	441	989	961	692	552	198	40	2	4137	
MAMMOTH CAVE PARK	0	6	40	244	478	989	979	702	613	258	53	9	4371	
MANCHESTER 4 SE	0	0	23	265	481	987	901	633	643	235	46	10	4224	
MAYFIELD	0	1	29	196	415	915	932	697	502	199	33	0	3919	
MAYSVILLE DAM 33	0	9	73	347	570	1198	1088	832	773	336	85	29	5340	
MIDDLESBORO	0	0	26	252	466	942	867	613	592	237	37	13	4045	
MONTICELLO	0	0	25	273	479	966	892	653	601	257	51	8	4205	
MOUNT STERLING	0	2	39	272	504	1050	984	704	636	247	53	12	4503	
MOUNT VERNON	0	4	44	336	495	1021	965	692	642	269	59	12	4539	
MURRAY	0	0	18	205	429	942	913	697	526	203	31	0	3964	
OWENSBORO 2 W	0	0	18	238	487	1023	988	709	574	208	38	0	4283	
PADUCAH FAA AIRPORT	0	1	35	216	479	1001	987	753	565	241	39	0	4317	
PADUCAH	0	0	28	217	444	968	961	691	490	182	29	0	4010	
PIKEVILLE	0	0	14	193	444	951	878	581	564	195	36	7	3863	
PRINCETON	0	0	28	236	490	993	946	719	560	219	39	0	4230	
RICHMOND	0	2	43	290	528	1097	1036	793	715	308	63	12	4887	
RUSSELLVILLE	0	1	29	234	471	973	932	693	569	230	44	0	4176	
ST JOHN BETHLEHEM ACAO	0	2	40	296	534		1039	815	704	301	62	3		
SCOTTSVILLE	0	0	25	224	431	928	909	657	573	206	48	0	4001	
SHELBYVILLE 2 W	0	1	36	252	510	1052	998	732	644	267	56	3	4551	
SOMERSET 1 N	0	1	37	302	523	1021	951	691	658	281	62	10	4537	
SUMMER SHADE	0	1	29	281	483	1000	955	711	621	272	58	2	4413	
VANCEBURG DAM 32	0	2	56	302	520	1105	1005	713	661	262	61	5	4692	
WEST LIBERTY	0	3	74	375	571	1156	1084	799	744	335	62	26	5229	
WILLIAMSBURG 2	0	0	24	255	476	1003	943	681	636	266	48	6	4338	
WILLIAMSTOWN 5 WSW	0	6	63	313	574	1224	1129	839	764	332	82	20	5346	
WOLF CREEK DAM	0	2	36	290	484	1029	961	732	727	328	64	10	4663	

See Reference Notes Following Station Index



# EVAPORATION AND WIND

KENTUCKY  
JUNE 1959

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP WIND	.13 2	.15 15	.04 31	.09 7	.22 3	.21 1	.19 3	.19 5	- 3	.19 3	.17 1	.18 5	.14 28	.29 236	.23 38	.20 11	.13 3	.24 73	.19 35	.21 17	.20 25	.22 14	.19 98	.06 1	.06 35	.18 70	.41 10	.01 52	.02 59	.49 13	B5.41 897	
DIX DAM	EVAP WIND	.14 27	.13 24	.10 35	.23 31	.25 22	.18 28	.12 19	.23 32	.27 22	.22 11	.11 15	.15 21	.21 43	.21 39	.25 36	.28 47	.33 50	.28 52	.37 31	.26 26	.26 26	.14 57	.09 5	.04 33	.21 57	.23 57	.28 23	.22 44	.22 40	8.37 1064		
MADISONVILLE 1 SE	EVAP WIND	.28 18	.30 51	.46 66	.56 38	.36 31	.14 29	.28 36	.24 37	.33 47	.01 62	.19 67	.18 46	.30 46	.27 89	.24 52	.29 33	.24 24	.38 56	.33 48	.28 35	.28 27	.25 40	.24 46	.19 27	.14 62	.25 73	.28 50	.46 81	.42 53	- -	B8.45 B1417	
WOLF CREEK DAM	EVAP WIND	.10 17	.19 18	.08 13	.13 28	.28 14	.18 19	.18 22	.24 16	.26 14	.18 19	.10 24	.12 26	.12 33	.30 30	.17 24	.24 32	.26 28	.28 23	.23 23	.17 19	.19 20	.22 31	.22 12	.21 21	.21 28	.21 21	.27 23	.26 15	6.38 689			

# CLIMATOLOGICAL DATA

KENTUCKY  
DELAYED DATA

Station	Temperature											Precipitation																	
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days								
										Max		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More						
										90° or Above	32° or Below	32° or Below	0° or Below											Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
MARCH 1959	58.0	30.5	44.3	- 4.3	83	26	17	18	636	0	0	22	0	3.53	- 1.44	.95	12	0	8	2	0								
WILLIAMSBURG 2																													

# DAILY PRECIPITATION

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY 1959																																
SEBREE	.44			.04				.06							.74	.24				1.28	3.25	.71				-	-	-	-	-	-	-
MARCH 1959																																
WILLIAMSBURG 2	.24		.07	.07		.33			.09	.03		.95	.03		.30						.20	.16						.79	.08		.19	3.53

# DAILY TEMPERATURES

Station		Day of month																														Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
MARCH 1959																																	
WILLIAMSBURG 2	MAX MIN	67 35	40 25	55 25	50 27	62 28	57 30	46 27	49 21	60 27	49 37	60 30	54 29	39 28	61 31	66 50	63 22	53 24	47 17	54 21	66 31	69 43	57 24	52 22	73 28	77 37	83 42	64 49	56 27	59 29	46 38	64 40	58.0 30.5

# CORRECTIONS

MONTH: FEBRUARY 1959

Climatological Data Table:  
Summer Shade

Central Division

Daily Precipitation Table:  
Summer Shade

Monthly total should be 4.81; no. days .10 or more, 7.

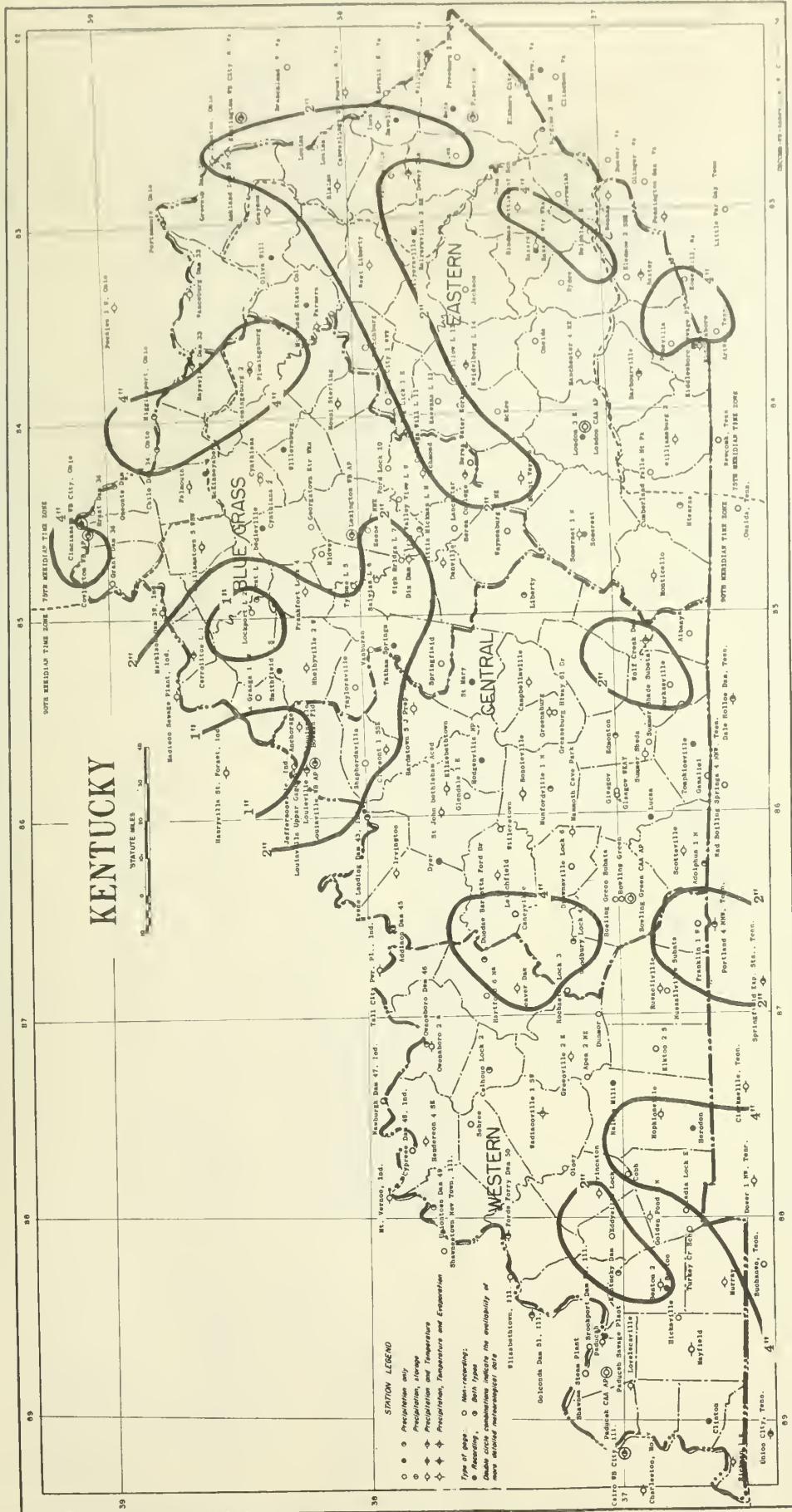
Average precipitation should be 3.26, departure, -.44.

Amount on 28th should be 0; monthly total 4.81.



# TOTAL PRECIPITATION

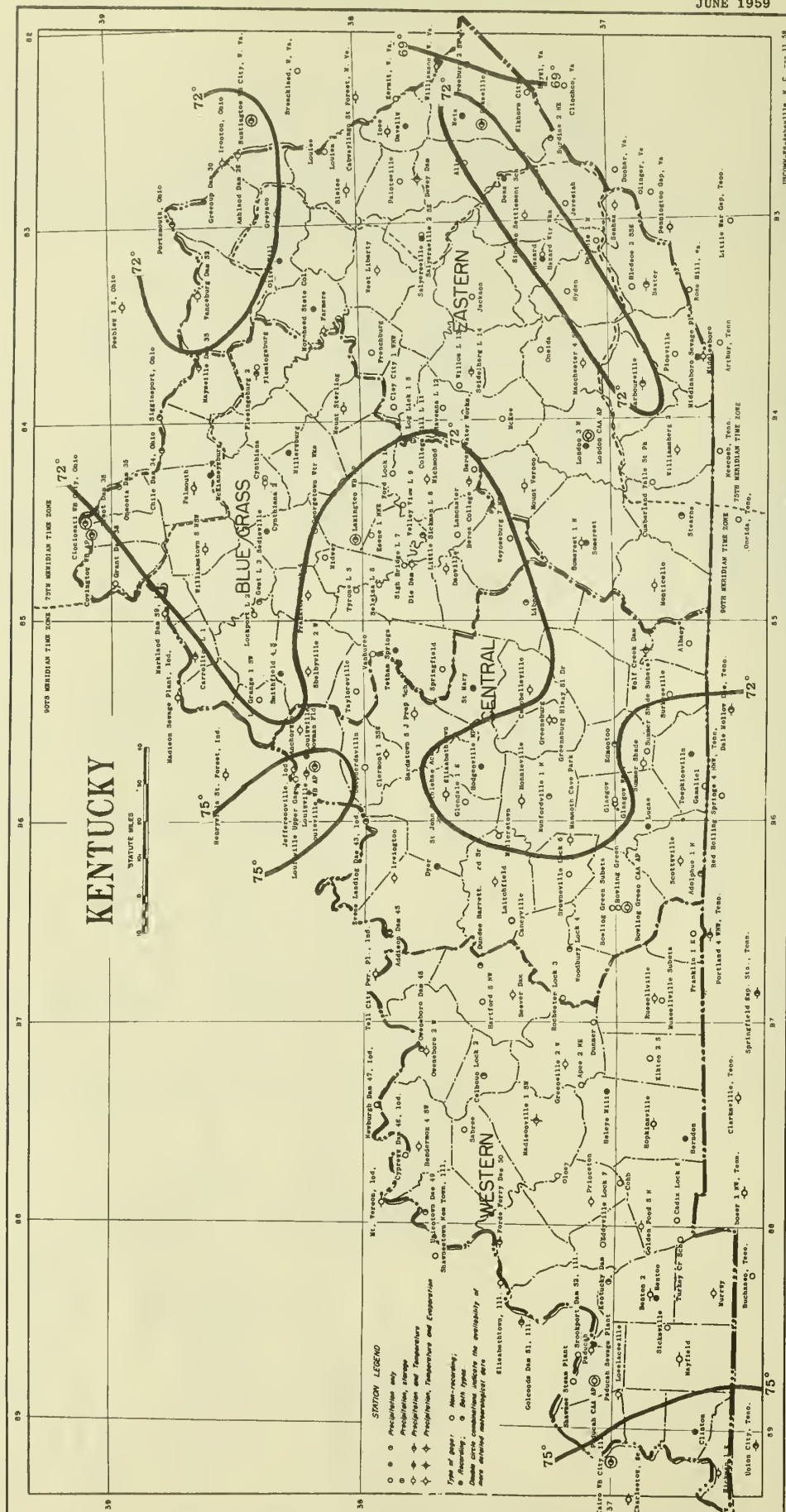
KENTUCKY  
JUNE 1950



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".



KENTUCKY  
JUNE 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".



# STATION INDEX

RENTAL  
AND  
FUEL

STATION	INDEX NO.	COUNTY	DRAINAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
STATION	INDEX NO.	COUNTY	DRAINAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567																																																																																																																																																																																																																																																																																																																																																																																																																																																	

1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-CHIO; 8-SALT; 9-TENNESSEE

USCOB-WB-Ashville, N. C. --- 7/6/59 --- 750



#### REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

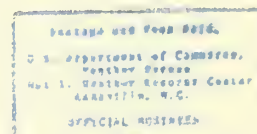


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U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY.



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JULY 1959  
Volume LIV No. 7



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ASHEVILLE: 1959



KENTUCKY - JULY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 9th at Fords Ferry Dam 50

Lowest Temperature: 49° on the 3rd at Benton 2

Greatest Total Precipitation: 9.07 inches at Bonnieville

Least Total Precipitation: 1.51 inches at Hindman Settlement School  
and Jackson

Greatest One-Day Precipitation: 3.70 inches on the 24th at Millerstown



## CLIMATOLOGICAL DATA

KENT JCVY  
JULY 1959

Station	Temperature										Precipitation											
	Average Maximum	Average Minimum	Average	Extreme From July To August	H. High	June	Lowest	Ice	Days with Fog	Days with Thunder	Total Precip. in Inches	Days with Rain	Days with Snow	Days with Sleet	Days with Hail							
WESTERN																						
BEAVER DAM	88.4	65.1	76.8		93	31+	55	13+	0	14	0	0	0	4.98	1.02	25	0	0	10	5	1	
BENTON 2	89.2M	63.4M	76.3M		94	30+	49	3	0	19	0	0	0	3.98	1.00	25	0	0	8	4	1	
FORDS FERRY DAM 50	88.6	66.9	77.8		99	9	58	3+	0	10	0	0	0	2.62	.84	24	0	0	7	1	0	
GOLDEN POND 8 W	89.5	62.2	75.9		95	30+	50	3	0	21	0	0	0	8.45	2.20	22	0	0	11	6	3	
GREENVILLE 2 W	87.6M	64.5M	76.1M	- 1.8	94	1	54	13+	0	10	0	0	0	4.38	.21	.91	19	0	0	10	3	0
HENDERSON 4 SW	87.3	65.8	76.6	- 2.3	94	30	55	3	0	7	0	0	0	3.91	.70	1.33	5	0	0	7	4	1
HICKMAN 1 E	89.7	64.4	77.1		96	1	52	3	0	18	0	0	0	4.02	1.17	22	0	0	10	2	2	
HOPKINSVILLE	88.6	64.8	76.7	- 2.1	96	31+	55	2	0	15	0	0	0	8.07	4.42	23	0	0	9	5	3	
LOVELACEVILLE	88.8	64.5	76.7	- 2.6	95	30	53	3+	0	15	0	0	0	3.54	.35	1.43	25	0	0	9	2	1
MADISONVILLE 1 SE	88.2	64.4	76.3		94	1	54	3	0	13	0	0	0	3.82	1.03	19	0	0	9	2	1	
MAYFIELD	89.4	65.3	77.4		98	18	55	3+	0	17	0	0	0	4.87	1.64	24	0	0	8	3	2	
MURRAY	88.5	65.9	77.2	- 2.1	96	30	54	3	0	16	0	0	0	4.86	1.22	1.32	23	0	0	7	3	2
OWENSBORO 2 W	88.2	66.1	77.2	- 1.3	95	30	56	13+	0	15	0	0	0	7.14	3.79	1.05	19	0	0	14	6	2
PADUCAN FAA AIRPORT	87.4	66.2	76.8		94	30	54	3	0	9	0	0	0	3.21	.74	21	0	0	10	2	7	
PADUCAN	91.0	65.5	78.3		97	30+	54	3	0	19	0	0	0	3.68	.65	1.93	26	0	0	6	2	1
PRINCETON	88.3	64.6	76.5	- 2.5	95	31+	54	13+	0	16	0	0	0	4.90	1.59	1.57	18	0	0	8	4	0
RUSSELLVILLE	88.7	64.1	76.4	- 2.2	94	31+	54	13+	0	17	0	0	0	4.11	.28	.82	29	0	0	11	4	0
DIVISION			76.8	- 2.0							4.74	.95					0					
CENTRAL																						
ANCHORAGE	89.3	63.8	76.6	.5	94	30+	53	3	0	20	0	0	0	2.74	.93	1.68	23	0	0	6	1	1
BARDSTOWN S J PREP SCH	89.3	64.4	76.9		95	9	53	7	0	19	0	0	0	7.43	3.17	23	0	0	9	4	2	
BONNIEVILLE	87.9	63.8	75.9		93	29	52	3	0	12	0	0	0	9.07	3.20	23	0	0	8	5	3	
BOWLING GREEN FAA AP	89.2	65.4	77.3	- 2.1	97	29	56	11	0	19	0	0	0	3.17	1.81	23	0	0	8	1	1	
CAMPBELLVILLE	89.4	65.7	77.6		94	31	56	3	0	17	0	0	0	7.62	2.51	24	0	0	8	5	3	
CLERMONT 1 SSE	92.3	63.6	78.0		98	10+	52	3	0	26	0	0	0	3.73	1.04	23	0	0	7	4	1	
ELIZABETHTOWN	88.4	62.3	75.4		96	31	50	13	0	12	0	0	0	5.18	1.51	23	0	0	10	3	2	
GLASGOW WKAY	86.8	64.9	75.9		92	30+	55	13	0	9	0	0	0	4.72	2.25	17	0	0	8	3	1	
GREENSBURG	89.0	64.2	76.6	- 1.0	95	31+	54	3	0	13	0	0	0	7.29	3.06	2.00	24	0	0	12	4	0
IRVINGTON	90.0	64.9	77.5	- .4	96	31	54	2	0	22	0	0	0	2.72	.69	.75	17	0	0	9	1	0
LEITCHFIELD	87.5	65.8	76.7	- 1.2	93	31+	57	13+	0	12	0	0	0	6.41	2.55	1.82	19	0	0	6	5	3
LOUISVILLE	92.1	68.8	80.5		98	9	58	3	0	27	0	0	0	3.53	1.34	23	0	0	9	2	1	
LOUISVILLE WB AP	91.6	68.0	79.8	1.9	98	30+	58	3	0	23	0	0	0	2.61	.47	1.16	23	0	0	5	2	1
MAMMOTH CAVE PARK	88.5	60.0	74.3		94	31+	50	13+	0	15	0	0	0	3.96	1.05	27	0	0	8	3	1	
ST JOHN BETHLEHEM ACAD	87.4	65.1	76.3	- .7	94	10	59	13	0	11	0	0	0	4.80	.84	.83	24	0	0	8	5	0
SCOTTSVILLE	88.8	65.3	77.1		94	31+	54	3	0	11	0	0	0	3.98	1.77	14	0	0	8	2	1	
SUMMER SHADE	89.7	64.7	77.2		96	8	54	12	0	20	0	0	0	2.53	.99	19	0	0	6	2	0	
WOLF CREEK DAM	90.0	61.9	76.0		95	10+	53	3	0	17	0	0	0	3.78	1.05	18	0	0	10	1	1	
DIVISION			77.0	- .7							4.74	.67					0					
BLUE GRASS																						
BEREA COLLEGE	89.9	64.5	77.2	.2	97	9	55	7+	0	19	0	0	0	3.05	1.94	.85	17	0	0	7	3	0
CARROLLTON LOCK 1	88.9	63.9	76.4		96	9	54	3	0	16	0	0	0	3.41	.02	1.60	24	0	0	6	2	1
COVINGTON WB AIRPORT	88.0	65.3	76.7	1.6	94	31+	55	3+	0	13	0	0	0	2.77	.98	.64	23	0	0	7	2	0
CYNTHIANA 2	90.0	62.6	76.3		98	1	51	3	0	20	0	0	0	6.39	1.73	24	0	0	9	6	1	
DANVILLE	87.9	64.6	76.3		93	10+	55	3	0	14	0	0	0	6.57	2.25	1.26	17	0	0	12	6	2
DIX DAM	89.0	66.2	77.6		95	9+	55	3	0	20	0	0	0	3.82	1.92	24	0	0	7	1	1	
FALMOUTH	89.0	63.2	76.1		95	30+	53	7+	0	14	0	0	0	5.21	2.37	24	0	0	7	4	2	
FLEMINGSBURG 2	86.8	64.2	75.5		93	1	55	3	0	7	0	0	0	8.32	1.68	1	0	0	13	5	2	
FRANKFORT LOCK 4	89.3	63.8	76.6	- 1.1	96	10	55	7+	0	18	0	0	0	4.73	.35	1.49	28	0	0	6	3	0
LEXINGTON WB AIRPORT	87.7	66.9	77.3	.7	94	9	56	3	0	10	0	0	0	4.05	.20	2.38	23	0	0	7	2	1
MAYSVILLE DAM 33	86.5	63.0	74.8	- 1.5	94	1	55	7	0	5	0	0	0	5.34	1.02	1.30	24+	0	0	9	4	3
MOUNT STERLING	86.9	64.4	75.7		94	9	55	3	0	5	0	0	0	3.32	1.81	.87	24	0	0	6	2	0
RICHMOND	87.6	64.5	76.1		95	10	52	13	0	10	0	0	0	5.06	1.96	15	0	0	6	4	1	
SHELBYVILLE 2 W	88.3	65.3	76.8	- .4	96	16	56	3+	0	11	0	0	0	5.08	1.33	1.92	24	0	0	10	2	1
WARSAW LOCK 39	91.0	66.3	78.7		97	8+	51	3	0	19	0	0	0	4.32	1.28	24	0	0	6	3	3	
WILLIAMSTOWN 5 WSW	87.9	62.8	75.4	- 2.2	94	1	55	12+	0	13	0	0	0	5.44	1.65	1.31	19	0	0	9	4	3
DIVISION			76.5	- .4							4.81	.33					0					
EASTERN																						
ASHLAND DAM 29	88.0	66.2	77.1	.0	96	1	55	3	0	12	0	0	0	4.08	.03	1.32	6	0	0	7	3	1
BARBOURVILLE	90.1M	64.4M	77.3M		95	31+	57	8	0	21	0	0	0	3.30	.61	.5	0	0	9	4	0	
BAXTER	86.9M	64.1M	75.5M		95	2	55	9	0	9	0	0	0	3.45	.80	20	0	0	8	3	0	
BENHAM	88.5	59.8	74.2		96	2	51	11+	3	14	0	0	0	5.86	1.08	27	0	0	12	4	1	
BLAINE	88.8	60.7	74.8		95	1	50	11	0	16	0	0	0	4.63	1.24	22	0	0	8	4	1	
DEWEY DAM	88.5	63.8	76.2		95	2	54	3	0	13	0	0	0	4.71	1.60	28	0	0	8	4	2	
FARMERS	88.4	63.5	76.0	.3	94	29+	53	3	0	10	0	0	0	7.16	2.61	2.43	2	0	0	10	7	1
GRAYSON 1 SE	87.7	63.5	75.6		95	24	54	3	0	13	0	0	0	2.67	.63	.6	0	0	8	2	0	
HEIDELBERG LOCK 14	88.7	63.6	76.2		93	31+	55	4	0	9	0	0	0	2.66	.62	23	0	0	9	1	0	
HINDMAN SETTLEMENT SCH	86.9	61.9	74.4		93	2	52	3	0	10	0	0	0	1.51	.70	14	0	0	5	1	0	
INEZ	89.3	59.0	74.2		96	14+	52	11+	0	15	0	0	0	3.01	1.15	14	0	0	6	3	1	
LONDON FAA AIRPORT	86.5	65.2	75.9		93	1	59	13+	0	8	0	0	0	5.52	1.50	17	0	0	8	4	3	
MANCHESTER 4 SE	89.5	63.9	76.7		95	9+	56	4	0	18	0	0	0	4.78	.77	20	0	0	11	4	0	
MIDDLESBORO	88.7	64.1	76.4		94	30+	55	8	0	9	0</											



# CLIMATOLOGICAL DATA

KENTUCKY  
JULY 1959

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.	Min.	32° or Below	32° or Above					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
PIKEVILLE	89.8	65.8	77.8		98	1	59	13+	0	18	0	0	0	4.48	+.41	1.85	14	.0	0		8	1	1
SOMERSET 1 M	86.8	63.3	75.1		93	30	54	7	0	7	0	0	0	4.36		1.26	17	.0	0		8	4	1
VANCEBURG DAM 32	87.4	63.1	75.3		96	16+	56	8	0	14	0	0	0	4.73	+.55	1.28	2	.0	0		7	5	2
WEST LIBERTY	88.9	62.5	75.7		95	10+	52	3	0	10	0	0	0	6.05		1.42	28	.0	0		3	5	0
WILLIAMSBURG 2	89.7	64.3	77.0	- .3	96	10+	58	8	0	18	0	0	0	4.91	+.10	.76	31	.0	0		3	5	0
DIVISION			75.9	- .5										4.36	+.28			.0					

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	13	7.5	23	SW	23	78	82	50	58	4	2	5	2	0	0	13	-	8.5
LEXINGTON WB AIRPORT	S	14	8.5	-	-	-	82	85	51	62	5	7	5	1	0	1	19	-	8.2
LOUISVILLE WB AIRPORT	SSE	11	8.1	40	SW	1	78	83	49	58	2	6	3	1	1	0	13	81	5.9

See Reference Notes Following Station Index



# DAILY PRECIPITATION

FEBRUARY  
1959

Station	Day of month	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS DAM 44	6.99	T	.62								.01		.03					.19	.95	.53			.37	.94	.03	.09	.07	1.24	T				
ADAMS 1 N	2.94		.55								.40						.04	.03	.05	.03	.29		.07	.26	.04	.41	.45					.27	
ALBANY 4 N	1.17		.44								.11						.25	.02	.55	.03	.125		.85	.60	.78						.32		
ALLEN	1.16		.07																.21	.03			.25	1.48	.29	.04		.15	.11				
ANCHORAGE	2.74	T																															
APPEL 2 NF	5.44		.05				.31				.07		.14						.02	1.41	.02			2.40	.64	.06		.05	.38		.01		
ASHLAND DAM 29	4.08		.15				1.12				.10								.02	.17				.07	.09	.42	T	.95	.08	.68		.15	
BARRACURVILLE	5.10																	.14	.80	.02			.05	.17	.15	.05	.16	.26	.01	.30		.50	
BARTSTOWN 5 J PREP SCH	7.45					.04											.90	1.70	.54		.80		3.17	.15	.05		.26	.41		.10	.11	.35	
BAXTER	5.45										.15	.05							.45					.10				.65	.25				
BEAVER DAM	4.08	.55				.55											.06	.10	.76				.62	.51	1.02	.45		.31		.08	.29		
BENHAM	5.86		.18	.07			T				.12	.05	T	T	.78		.31	.34	.51	.30	.55	T	.38	.40	.19	1.00	.75	.08					
BENTON 2	5.98	T				.15											.20	.85	.31				.80	.04	.92	.01		.03		.04	.09		
BERRY COLLEGE	3.05	.15				.21					.52						.11	.21	1.10	1.41	.44	T		.83	.30	.31		.14	T		.06		
BERRY WATER WORKS	4.52		.54				.16																										
BLAINE	4.65		.28			.25													.08	.13			1.24	.09	.05	.58		.08	.44	.03	.73	.61	
BONNIEVILLE	9.07	T				.20	.04										1.57	T	2.10				.51	3.20	.03		.41	.44			.26		
BOWLING GREEN	2.85		.67			.10	.21										.03	T	.03	.03			.03	.32	.85	.03	T		.46				
BOWLING GREEN SURTA	4.24	T	.64	T		.62											.03	.01	.11	.46			.03	.44	1.39	.17						.01	
BOWLING GREEN FAA AP	5.17	.27				.21											.07	.90	.49	.20			.11	1.81	.05	.01	T	.18					
BRENT DAM 34	5.55		1.00			.10													.37	.02	.44			.29	1.10								
BROWNSVILLE LOCK 6	5.10		.12														T	T	.29	.18	T			.58	1.59			1.12	.21	.48			
BURDICK 2 NF	1.60					.60											.07	.49	.20				1.20		.40		T	.29	T		.43		
BURKESVILLE	1.70	T				.16											.10	.09	.48	.10	.90			.62	.65	.32	T		.29	T			
CADIZ LOCK E	1.22		.55			.11	.44																.15	1.00	.45	.34	.11						
CALHOUN LOCK 2	6.45		.90			1.68													.69	.84	.09		.20	.34	.67	.24		.11	.56	.11	T		
CAMPBELLVILLE	7.62	.55	.04			.28													.01	1.40			.70	.61	2.51	.01		.14	.08				
CANEVILLE	5.42		.60			1.02													.03	.21	.17			.83	.60		.52	.09	.26				
CARROLLTON LOCK 1	1.41		.40			.05													.11	.31			T	.06	1.60		.02	.15	.58	.08		.05	
CLAY CITY 1 NW	1.05		.37			.26	T										.03	.05	.05	.61	.15			.28	.42	.05		.50	1.05			.13	
CLYBURN 1 S5F	3.73	.08				T	.01										.13				.90	.04		1.04	.11	.56	T	.70	.16	T			
COBA	3.68		.18			.55					.35								.12	T	.48	.02		.03	.52	.46	.37	.01	.03	.24		.01	
COLLEGE HILL LOCK 11	3.25		.67			.07	.15				.16			T	T	T	.09	.02	T	.12	T		.58	.64	.29	T		.10	.25				
COVINGTON WP AIRPORT	2.77	.49				.07	T												.43	1.45	.31	1.02		.93	.60	.73	.60	.16	.28			.18	
CUMBERLAND FALLS 3T PK	7.49		.27			.40	.02																										
CYNTHIANA	6.51		.14			.43	.06												.13	.51	.13			.65	1.72	.21	1.13	.81	.59	T			
CYNTHIANA 2	6.59		.08			.06													.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
DANVILLE	6.57		.66			.02													.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
DELPHIA 1 E	5.74					.10	.02												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
DEWEY DAM	4.71		1.19			.10	.02												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
DIX DAM	5.82		.16			.05	.05												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
DUNFEE BARRETT'S FORD AR	3.87		.30			.05	.25												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
EDMOND	5.89		.20			.15													.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
EDMONDVILLE LOCK F	2.88		.10			T	.16												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
EDMONTON	2.89		.10			.10													.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
ELIZABETHTOWN	5.18	.52				.30													.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
ELKHORN CITY	4.04		.68	.14		.12	.14												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
ELETON 2 S	3.84		.35			.05	.44												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
FALMOUTH	5.21	T	.51			T	.16												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
FARMERS	7.16		2.53			.08	.60												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
FLEMINGSBURG	6.88		1.76			.81													.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
FLEMINGSBURG 2	8.52	1.68				.99	.18												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
FORD LOCK 10	4.97		.26			.41	.05												.13	.51	.13			.50	1.73	.27	.88	.91	.67	.02	.01		
FORDS FERRY DAM 50	2.62		.27			.05													.13														



# DAILY PRECIPITATION

KENTUCKY  
JULY 1959

CONTINUED

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ONEIDA	4.49	.79	.07		.10	.25				.28							.09	.06	.45			.57	.30	.99			.29				.25	.		
ONEONTA OAM 34	4.58	.65			T	T											.68	.25	.09			.78	1.47	.09			.12	.19			.26	.		
OWENSBORO 2 W	7.14	.62			.58	.53											.08	.10	1.05	.30		.12	.13	.45	.98	.48	.32	1.04				.		
OWENSBORO OAM 46	7.48	.68			T	.48											.55	.12	1.20	.62		.11	.05	.04	.53	.17	.48	.16	.95			.		
PAOUCAH FAA AIRPORT	3.21	.26			.15	1.36						.30					.09	.11				.74	.29	.08	.15	.10	.54	.05			.35	.		
PAOUCAH	3.68											.24					.36	T				.32	T	.63		.20	1.93	T			1.20	.		
PAINTSVILLE	3.93	.43			.02	T								.20			.15	.08	.01	.56	.09		.03	.16	.02	.03	T	.49	.04	.02	.39	.		
RIKEVILLE	4.48	T	.05		.31	.43								1.85			.26	.01	T	T	.04			.03	.16	.02	1.02	.04	.03	T	.23	.01	.	
RINEVILLE	2.64		.03		.43							.54																					.	
RIKEVILLE	4.90	.04			.80					.08									1.57			.62	.67	.41	.45	.12	.02						.	
RAVENNA LOCK 12	4.03					1.18											.22	.43	.22	.11	.54		.24	.33	.05	.19			.29		.23	.		
RICHMOND	3.06	.07			.07	.07				T				T	1.96		T	.07	.25	.03	.77		.02	.23	.64	.04	T	.08	.71	T		.23	.	
ROCHESTER LOCK 3	3.68	.69			.20					.16			.13				.15	.08	.01	.56	.09		.02	.23	.64	.04	T	.08	.71	T			.	
RUSSELLVILLE	4.11	.42	.31			.51				T			.20				.05	.02	.14				.03	.53	.26	.18	.12	.01	T	.62	T		.	
RUSSELLVILLE SUBSTA	4.10	.23	.23			.63							.22				.04			.63	.51		.03	.53	.26	.18	.12	.01	T	.62	T		.	
ST JOHN BETHLEHEM ACAD	4.80					.44	.67										.03	.60		.04	.07		.25	.03	.75	.08						.		
SALVISA LOCK 6	3.38	.09				.04	.04							.03	.60		.04	.07		.25	.03		.36	.05	2.55	.14	.23	.01	.14	.21	.02	.11	.	
SALYERSVILLE 2 SE	3.22	.36								.02				.04			.10	.17	.15	.21			.33	.06	.13	.55	.04					1.35	.	
SCOTTSVILLE	3.94	.09								.04				1.77	.04		.10	.17	.15	.21			.33	.06	.13	.55	.04						.	
SENREE	6.20	1.10				.94											.10			.65			.55			1.18	.63	.47	.55				.	
SHAWNEE STEAM PLANT	2.49	.53				.08							.21						.03	.13			.37	.20	.39	.11	.07	.34	.03				.	
SHELBYVILLE 2 W	3.08	.21									.56						.03	.23		.15			.62	.26	1.92	.47	.12	.12	.06	.02	.01		.	
SHERWOODSVILLE	4.26	.02															.03	.23		.15			.53	1.59	1.09	.20	.11	.22	.20				.	
SOMERSET 1 N	4.36	.02	.08			.67	.04									.11	1.26	.07	.03		.02		.30	.03	.52	.12	.21	.01	.03	.22	.02		.	
SPRINGFIELD	6.21	.47				.06												.15	.12	.86	T		.10		3.33		.21	.10	.19	.52	.10		.	
STEARNS	3.92	.05				.25						.28						.14		.43	.96			.14	1.11	.48	.06						.	
SUMMER SHADE	2.53	.05												.15	T	.55		.99				.17	.40	.04	.18		T					.		
SUMMER SHADE SUBSTA	2.04	.02				.12								.09	.02	.14	.10	T	.79			.05	.15	.37	.19								.	
TAYLORSVILLE	3.67	.42				.10	.04				.51									1.00	.04		.08	.23	.21	1.18		.07	T	.37		.06	.	
TURKEY CREEK SCHOOL	4.71		.42			.10	.50			.03		.01							.22								.08	2.37	.21	1.18				.
TYRONE LOCK 4	5.35	.86				.05											.55	.02	.64	.02		.05	T	1.99	.39	.09		.27	.42				.	
UNIONTOWN OAM 40	2.74	.07				.10							.07					.48	.42	.13	.08		.03	.37	.68	.16	.03	.21	.26	.04		.11	.	
VALLEY VIEW LOCK 9	6.39	.32				.19	.05							T	.17	2.70	.02	.03	.13	.08		.51	.21	1.24	.86								.	
VANBUREN	4.73	1.28				.72	.21													.80	1.00		.02	.75	.14			.02	.03	.06	T		.	
VANFERN DAM 32	4.32	1.25				.03													.28			T	.14	1.28	.86			.32	1.61		.03	.	.	
WARSAW LOCK 39	5.41	.48				.18	.02										.04		.20	.15	.12		.36	.74	.72			1.06	.24	1.10		.03	.	
WAYNESBURG 7 NE	6.05	.34				.13					.21						.12		.02	.05	.33		.21	.25	1.32		.26	1.42	.30	.57			.	
WEST LIBERTY	4.91					.66										.06	.20	.16	.56	.26			.24	.36	.52	.11		.61		.27	.76	.	.	
WILLIAMSBURG 2	5.44	T	.18			.22													1.31	.48			.03	1.22	1.11			.20	.37	.10			.	
WILLIAMSTOWN 5 WSW	5.44	T	.18			.22																												.
WILLOW LOCK 13	3.13	.32				.05	.15				.04						.10	.13	.21	.03			1.76		.31			.01				.02	.	
WOLF CREEK DAM	3.78	.06				.21				.25							.18	1.05	.24	.09			.40	.30	.45			.23				.32	.	
WOODBURY LOCK 4	6.90	.83				1.05							.25						.20				2.12	1.27			.03	.18	.76				.	

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "D. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gauge Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gauge is equipped with a windsheild.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording page. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the D. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual: \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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See Reference Notes Following Station Index



# DAILY TEMPERATURES

KENTUCKY  
JULY 1959

CONTINUED

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LEXINGTON WB AIRPORT		MAX MIN	93 68	78 61	83 56	90 62	84 69	89 67	87 62	93 61	94 69	89 68	89 64	88 64	88 64	87 65	87 67	89 65	89 70	91 69	85 65	86 65	91 65	85 70	81 69	85 69	82 69	90 70	89 70	84 70	91 70	91 74	91 72	87.7 66.9
LONDON FAA AIRPORT		MAX MIN	93 68	76 63	82 59	84 59	84 69	87 69	85 60	89 60	92 64	88 64	88 62	87 59	90 59	90 63	89 63	87 61	83 65	84 65	81 69	87 63	88 63	81 69	86 69	83 69	89 67	87 68	70 68	90 68	91 72	92 72	86.5 65.2	
LOUISVILLE		MAX MIN	97 74	84 62	90 58	91 65	90 71	90 68	94 65	96 62	98 71	95 68	94 65	88 64	94 64	93 67	94 70	93 69	92 72	91 71	91 67	95 67	92 72	84 71	90 71	84 71	93 71	94 71	91 71	95 72	96 76	93 76	92.1 68.8	
LOUISVILLE WB AP		MAX MIN	98 66	78 60	89 58	92 62	83 71	90 65	95 60	97 64	98 69	91 69	93 64	86 62	94 67	92 69	94 69	94 72	91 71	89 66	96 64	91 67	82 72	88 71	81 70	94 71	94 71	91 73	96 72	98 76	94 76	91.6 88.0		
LOVELACEVILLE		MAX MIN	90 70	78 53	84 53	89 57	84 68	92 64	92 62	94 58	93 68	91 63	91 57	85 55	86 55	90 58	92 65	87 65	89 68	89 71	92 62	85 63	88 65	86 69	83 69	86 70	88 72	90 70	93 70	95 71	94 73	88.8 64.5		
MAOISONVILLE 1 SE		MAX MIN	94 71	84 55	82 54	92 56	85 68	87 63	87 58	92 56	90 62	86 59	90 56	82 56	85 55	88 58	90 66	88 65	90 72	88 61	90 64	89 64	87 68	85 70	87 69	85 68	89 68	88 67	88 69	93 71	92 72	88.2 64.4		
MAMMOTH CAVE PARK		MAX MIN	92 65	80 58	85 50	90 55	85 65	90 61	89 52	93 53	92 60	88 63	88 59	87 56	88 50	90 56	90 61	92 60	86 60	88 66	89 57	86 57	89 57	86 65	82 65	84 66	84 65	91 62	90 63	92 63	94 66	88.5 60.0		
MANCHESTER 4 SE		MAX MIN	95 69	76 64	84 58	89 56	87 67	89 67	89 60	93 57	95 59	90 65	92 60	90 58	91 57	91 59	90 64	87 61	89 66	83 60	90 63	90 65	87 66	89 67	85 67	86 67	92 67	91 67	92 67	93 69	94 69	89.5 63.9		
MAYFIELD		MAX MIN	94 73	77 55	85 55	88 57	84 67	92 64	90 65	93 60	92 68	92 60	92 58	87 56	89 58	92 66	87 66	88 68	90 69	92 62	90 64	92 67	85 67	83 67	83 70	88 73	89 71	94 71	94 71	96 74	89.4 65.3			
MAYSVILLE OAM 33		MAX MIN	94 70	91 61	75 57	82 58	89 62	79 62	86 62	83 65	91 59	93 56	87 58	89 55	85 59	83 59	86 59	88 61	86 65	88 70	84 65	85 65	87 65	89 67	85 67	84 67	85 68	89 67	86 67	88 67	90 69	86.5 63.0		
MIDDLESBORO		MAX MIN	94 69	89 68	87 58	88 59	86 65	89 66	89 60	91 55	93 66	89 63	85 56	86 60	87 59	89 61	89 61	90 66	87 66	88 71	88 67	89 67	89 63	87 64	84 63	86 67	86 67	90 68	92 69	94 69	93 69	88.7 64.1		
MONTICELLO		MAX MIN	92 68	85 64	85 55	90 57	83 71	89 69	89 54	92 57	89 65	88 60	89 56	90 56	90 58	88 64	91 68	84 70	87 65	88 60	89 60	87 65	82 65	83 65	83 68	89 67	89 69	91 69	91 72	92 69	88.3 64.8			
MOUNT STERLING		MAX MIN	92 70	76 60	81 55	87 61	85 65	85 66	84 53	88 58	94 62	88 60	88 63	87 62	84 57	86 61	88 60	87 65	88 66	88 67	88 67	88 66	85 67	84 67	87 68	88 70	88 68	88 68	91 68	93 68	93 68	86.9 64.4		
MOUNT VERNON		MAX MIN	94 65	78 59	84 55	90 55	85 69	88 66	88 53	92 58	94 62	90 60	91 63	88 62	86 57	87 61	88 60	89 65	87 67	89 67	87 61	89 68	89 68	82 67	82 68	82 68	91 66	92 66	92 66	92 69	88.1 63.6			
MURRAY		MAX MIN	93 74	77 57	82 54	87 58	82 66	90 67	89 64	93 60	93 70	85 60	85 59	88 59	88 57	91 69	90 69	91 71	90 69	89 70	89 59	82 69	84 69	83 69	83 69	89 70	89 73	91 71	94 72	94 70	88.5 65.9			
OWENSBORO 2 W		MAX MIN	92 73	82 56	87 59	87 60	81 68	89 66	90 61	91 60	91 67	89 58	90 59	85 59	89 67	91 69	90 69	91 71	88 70	90 61	88 66	90 66	85 69	85 70	85 69	82 69	82 70	89 69	93 70	95 73	94 70	88.2 66.1		
PAOUCAH FAA AIRPORT		MAX MIN	88 65	75 58	84 54	86 58	83 69	90 65	91 63	93 59	90 69	89 61	89 59	82 59	85 59	89 67	89 67	87 69	87 69	88 71	92 65	88 63	86 65	86 70	82 69	87 71	87 71	88 72	94 73	94 75	93 75	87.4 66.2		
PAOUCAH		MAX MIN	95 74	83 55	86 54	89 57	89 69	94 65	93 62	97 58	96 68	93 63	95 58	87 68	92 55	92 67	90 67	93 71	94 71	86 62	86 65	87 65	85 71	87 68	87 71	90 71	88 71	91 71	95 74	97 73	96 73	91.0 65.5		
PIKEVILLE		MAX MIN	98 70	83 65	88 62	92 60	88 66	91 67	89 64	95 65	86 61	90 61	89 61	91 59	90 65	88 66	85 66	90 65	85 71	92 64	90 65	92 65	86 65	91 65	86 65	89 70	91 71	89 71	91 69	92 69	93 71	89.8 65.8		
PRINCETON		MAX MIN	92 70	80 55	85 54	87 56	80 67	92 64	87 57	94 66	92 66	91 62	90 56	81 56	88 56	90 66	91 66	90 70	91 66	90 66	87 68	80 70	85 70	82 69	86 69	88 70	88 70	91 70	95 71	93 71	95 73	88.3 64.6		
RICHMOND		MAX MIN	93 69	93 61	77 56	83 59	90 68	84 65	89 57	88 61	92 65	95 60	87 60	92 60	89 52	89 60	86 60	87 66	83 66	87 66	81 66	87 66	90 68	84 67	85 68	84 68	84 68	90 68	89 68	89 72	91 72	87.6 64.5		
RUSSELLVILLE		MAX MIN	92 71	78 59	84 54	90 56	77 68	90 64	89 57	91 55	85 64	89 64	90 54	85 59	90 54	90 60	89 63	88 68	92 70	84 60	85 62	91 62	87 69	83 69	83 69	84 68	91 68	92 68	93 69	94 70	94 71	88.7 64.1		
ST JOHN BETHLEHEM ACD		MAX MIN	92 74	90 60	75 60	84 61	87 61	77 62	87 60	88 60	92 64	94 60	90 62	89 62	89 59	88 67	89 67	89 66	90 66	86 63	87 61	87 61	88 61	85 67	82 67	84 69	80 69	89 69	85 71	93 72	93 71	87.4 65.1		
SCOTTSVILLE		MAX MIN	93 72	84 62	84 54	90 60	81 69	89 66	88 57	94 59	92 65	88 68	89 58	86 60	90 55	91 60	88 63	88 66	89 68	89 69	88 63	89 64	84 68	85 70	88 71	84 69	84 69	92 69	89 71	94 71	94 71	88.8 65.3		
SHELBYVILLE 2 W		MAX MIN	92 70	80 56	84 56	90 59	85 70	90 67	89 58	94 59	95 64	88 67	89 60	89 59	88 60	89 63	89 66	90 63	89 68	87 68	89 68	88 62	87 69	84 68	83 68	83 68	89 69	87 69	87 69	90 69	93 73	91 72	88.3 65.3	
SOMERSET 1 N		MAX MIN	91 67	78 62	82 56	88 55	82 68	88 65	82 54	91 60	92 63	86 66	88 61	86 57	89 55	89 60	88 60	88 65	87 65	83 69	83 66	88 66	84 66	87 66	82 66	83 66	89 66	89 66	89 66	90 66	93 66	92 66	86.8 63.3	
SUMMER SHADE		MAX MIN	93 70	78 62	86 58	92 65	84 66	90 66	90 57	96 56	92 62	89 62	90 54	89 54	90 63	90 63	92 68	84 68	90 70	91 62	88 62	87 69	85 69	87 69	83 68	93 68	91 68	92 68	94 69	94 69	94 69	89.7 64.7		
VANCEBURG OAM 32		MAX MIN	95 67	75 60	82 58	90 57	86 67	86 64	84 57	96 56	92 62	87 62	90 58	84 58	84 58	90 59	90 59	96 63	91 64	89 64	86 67	84 62	82 62	86 65	88 66	84 66	86 66	86 66	87 66	90 67	87 67	92 67	87.4 63.1	
WARSAW LOCK 39		MAX MIN	97 70	78 60	84 51	93 60	87 66	88 66	85 63	97 59	96 66	91 60	93 60	87 60	88 59	89 64	96 64	94 64	9															

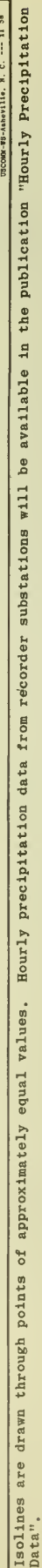


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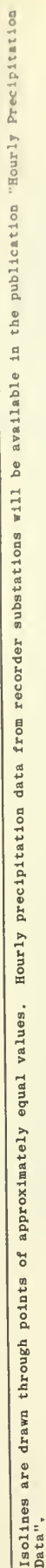


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# STATION INDEX

KENTUCKY  
JULY 1959

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	
							TEMP.	PRECIP.	EVAP.		
ADOLPHUS 1 M	0043	BRECKINRIDGE	7	37 55	86 34	380	6A			C	CORPS OF ENGINEERS
ADOLPHUS 1 M	0043	ALLEN	3	34 39	86 16	600	7A			C	IDELL M. DEARING
ALBANY 4 M	0063	CLINTON	6	36 45	85 09	1000	7A			C	MRS. BARBARA M. COOL
ALLEN	0195	FLOYD	2	37 35	82 43	458	8A			C	HANNIE AUSTIN
ANCHORAGE	0155	JEFFERSON	3	38 16	85 33	700	7D			C	C. E. BARRET
APEX 2 ME	0185	MULLENBERG	3	37 08	87 19	510	7A			C	SPECKER PROWSE
ASHLAND DAM 29	0244	BOYD	7	38 27	82 36	551	6P			C	CORPS OF ENGINEERS
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P			C	UNION COLLEGE
BARSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	6P			C	ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A			C	C. HOMER NOLAN
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P			C	M. E. G. YOUNG
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A			C	M. C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P			C	C. JAMES H. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P			C	RADIO STATION WCLB
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P			C	JAMES A. GROSSMAN
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A			C	MRS. LAURA B. GABARD
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P			C	A. ENOCH WHEELER
BONNIEVILLE	0884	HART	3	37 23	85 54	702	6P			C	HAROLD WALTERS
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A			C	JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A			C	TV-639
BREATHAM	0909	WARREN	3	36 58	86 26	535	MID			C	FED. AVIATION AGENCY
BREATHAM 36	0918	CAMPBELL	8	37 03	84 25	497	7A			C	CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A			C	EDLIDGE SKAGGS
BURDINE 2 ME	1120	PIKE	1	37 13	82 35	1643	8A			C	EDWIN E. JOHNSON
BURNSVILLE	1137	CUMBERLAND	2	36 47	85 22	602	7A			C	MARVIN M. LEE
CADIZ LOCK E	1206	TRIGG	2	36 46	87 18	424	7A			C	CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A			C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P			C	ALVA M. KINLEY
CANNONVILLE	1294	GRAYSON	3	37 25	86 30	600	6A			C	G. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	8	36 41	85 11	460	6A			C	CORPS OF ENGINEERS
CLAY CITY 1 MW	1576	POWELL	4	37 52	83 56	712	7A			C	J. E. W. MOUNT
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P			C	BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A			C	WOODSON O. ERANKLIN
COBB	1663	CADWELL	2	36 59	87 47	390	7A			C	MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A			C	CORPS OF ENGINEERS
COVINGTON WBL AIRPORT	1855	BOONE	7	39 04	84 00	869	MID			C	U.S. WEATHER BUREAU
CUMBERLAND FALLS ST. PK	1969	WHITLEY	3	36 50	84 19	1070	5P			C	KY. DEPT. OF CONSR.
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A			C	H. MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A			C	KY. CARDINAL DAIRY
CYNTHIANA 3	2040	BDYLE	3	37 39	84 46	955	7A			C	R. P. COLDIRON
DAVILLA	2053	MARTIN	1	37 48	82 32	718	7A			C	MRS. EVA M. OAVIS
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A			C	BALLARD F. WALKER, JR.
DEMA	2139	KNOTT	1	37 25	82 49	850	7A			C	HATTIE B. BARNEY
DEWEY DAM	2180	FLOYD	2	37 45	82 47	653	7A			C	PHILLIP D. THACKER
OIL DAM	2214	MERCER	4	37 48	84 43	870	7A			C	PHILLIP D. THACKER
DOUGDE BARRETT'S FORD	2358	OHIO	3	37 33	86 43	440	7A			C	JESSE L. HUFF
DOUGDE	2366	MULLENBERG	3	37 05	87 10	592	7A			C	N. O. GIVENS
DOUGDE LOCK 1	2391	BRECKINRIDGE	2	37 33	86 13	793	7A			C	CORPS OF ENGINEERS
DOUGDE LOCK F	2445	LYON	2	37 03	88 05	620	7A			C	CORPS OF ENGINEERS
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A			C	JOHN E. MORAN
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P			C	RADIO STATION WIEL
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A			C	EDMOND O. BENNETT
ELKTON 2 S	2775	PEMOTON	5	38 40	84 20	560	6P			C	S. RICHARD ANDERSON
FALMOUTH	2791	ROWAN	5	38 09	83 33	668	7A			C	ERANK H. LAWSON
FARMERS	2903	FLEMING	5	38 25	83 43	870	7A			C	MRS. C. C. STAMPER
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P			C	MRS. JEAN FLEMING
FORD LOCK 10	2953	MADISON	4	37 54	84 16	660	6A			C	WILLIAM H. EISCHER
FOROS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P			C	CORPS OF ENGINEERS
FRANKFORT DAM	3028	ERANKLIN	4	38 14	84 52	504	6A			C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A			C	MRS. KATIE D. NEAL
FRECHBURG 2 SW	3046	PIKE	1	37 33	82 10	750	7A			C	MRS. ALTA S. GOODLIN
FRENCHBURG	3052	MCNIFE	5	37 57	83 39	864	7A			C	MISS ESTHER WILSON
GAMALIE	3112	MORDE	3	36 38	85 48	860	7A			C	E. GUY DECKARD
GEDRGTOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A			C	WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A			C	CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A			C	ENILY M. BEAM
GLASGOW WYAY	3246	BARREN	3	37 00	85 55	808	6P			C	RADIO STATION WKAY
GLENDAL 1 E	3252	HARDIN	3	37 36	85 54	710	7A			C	OWEN S. HILL
GLDCE PDMD 8 N	3295	TRIGG	2	36 54	88 00	393	4P			C	EIOM + WILDF. REFUGE
GRANT DAM 38	3358	BOONE	7	38 59	84 50	563	7A			C	CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A			C	ALBERT G. SWANAGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A			C	HOWARD PICKETT
GREENSBURG HWAY 61 BR	3435	GREEN	3	37 15	85 30	590	7A			C	LYNN T. BLAKEMAN
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A			C	CORPS OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P			C	C. R. LOVELL
HALEY'S MILL	3539	CHRISTIAN	3	37 03	82 20	740	7A			C	CLEATUS E. BRINKLEY
HAZARD 6 MW	3652	OHIO	3	37 32	84 54	429	8A			C	DAVID K. CARSON
HAZARD	3709	PERRY	4	37 15	85 12	689	7A			C	H. A. BAILEY
HAZARD WATER WORKS	3714	PERRY	4	37 15	85 11	680	7A			C	L. J. HOGSDON
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P			C	CORPS OF ENGINEERS
HEMERSON 4 SW	3762	HEMERSON	7	37 47	87 37	382	6P			C	H. ERANK STREET
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A			C	C. W. KEATTS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	740	7A			C	MRS. HELL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A			C	TV-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A			C	CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH	3899	KNOTT	4	37 20	82 59	1080	8A			C	HINDMAN SETTLEMENT SCH.
HINDMANVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A			C	H. M. F. SMITH
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A			C	MRS. FERM F. ELAM
HYOEM	4093	LESLIE	4	37 10	83 23	-	7A			C	UNITED FUEL GAS CO.
IMEZ	4134	MARTIN	1	37 52	82 32	638	6P			C	FLOYD G. ROBINSON
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	646	7P			C	JAMES D. MALONEY
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A			C	HOBART IDON
JEREMIAH	4255	LEITCHER	4	37 10	82 56	1150	5P			C	HUGH W. BUFIN
KEENE 1 MME	4369	JESSAMINE	4	37 57	84 38	941	7A			C	TV-379-A
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A			C	ALBERT V. HARDIN
LA GRANGE 1 SW	4595	OLDHAM	7	38 24	85 24	874	6A			C	KENTUCKY UTILITIES CO.
LAMAR	4620	GARRARD	4	37 37	84 35	1032	8A			C	CLOYDE STIKLEATHER
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P			C	U.S. WEATHER BUREAU
LEXINGTON WBL AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID			C	U.S. WEATHER BUREAU
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A			C	PALLIA F. HANKLA
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	560	7A			C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HEMPY	4	38 26	84 58	485	6A			C	CORPS OF ENGINEERS
LODICK 1 S	4862	CLARK	4	37 51	84 02	773	7A			C	HURST BURGER
LONDON 3 W	4893	LAUREL	2	37 08	84 08	1277	7A			C	CITY OF LONDON
LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	MID			C	H. FED. AVIATION AGENCY
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A			C	CHARLES F. BRANHAM
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	6P			C	HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P			C	LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	7A			C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID			C	H. U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A			C	CORPS OF ENGINEERS
LOVELL	4967	BALLARD	6	36 58	88 50	370	6P			C	BLAINE MALONE
LUCAS	5002	BARREN	3	36 53	86 02	738	7A			C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P			C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	5P			C	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P			C	MORA S. WHITE
MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P			C	MAYFIELD ELEC. & WTR. CO.
MAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	515	7A			C	CORPS OF ENGINEERS
MCCLEE	5291	JACKSON	2	37 26	84 00	1000	7A			C	MRS. WINNIE W. MORAN
MC KINNEYSBURG	5301	PEMOTON	5	38 36	84 16	662	7A			C	RICHARD T. SYDNOR
MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	5P			C	CHARLES MURRAY
MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130	5P			C	MRS. LELA M. HERRELL
MIDWAY	5407	WOODFORD	4	38 09	84 41	-	8A</				



UNKE  
U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

AUGUST 1959  
Volume LIV No. 8



ASHEVILLE: 1959

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KENTUCKY - AUGUST 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 26th at Louisville WB AP

Lowest Temperature: 48° on the 3rd at Vanceburg Dam 32

Greatest Total Precipitation: 14.09 inches at Madisonville 1 SE

Least Total Precipitation: 0.78 inch at Louisa 2

Greatest One-Day Precipitation: 7.12 inches on the 29th at Richmond



## CLIMATOLOGICAL DATA

FBI  
August 1997

Station		Temperature										Precipitation										Wind				Relative Humidity			
		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Max		Min	
		Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max
WESTERN																													
BEAVER DAM		88.2	67.7	78.0		93	25+	59	11+	0	15	0	0	0	3.74		2.10	6	.0	0					3	3	1		
BENTON 2		88.9	66.1	77.5		94	24+	57	12+	0	13	0	0	0	5.56		1.47	5	.0	0					7	4	2		
FORDS FERRY DAM 50		89.4	69.8	79.6		95	3	62	10	0	18	0	0	0	9.28	6.05	3.54	7	.0	0					7	4	4		
GOLDEN POND 8 N		90.0	65.3	77.7		95	24	55	10	0	21	0	0	0	5.76		2.60	6	.0	0					5	4	2		
GREENVILLE 2 W		87.9M	67.4M	77.7M	1.0	93	25+	59	12+	0	13	0	0	0	6.95	3.40	3.24	17	.0	0					8	3	2		
HENDERSON 4 SW		88.0	68.0	78.0	.7	94	24	60	10	0	13	0	0	0	9.71	6.44	2.96	17	.0	0					5	5	4		
HICKMAN 1 E	AM	91.2	66.6	78.9		94	30+	58	11	0	23	0	0	0	4.08		1.18	30	.0	0					8	3	2		
HOPKINSVILLE	AM	89.5	67.3	78.4	.6	96	24	59	10	0	16	0	0	0	3.54	.13	2.54	7	.0	0					6	1	1		
LOVELACEVILLE		89.2	67.4	78.4	.0	95	24	54	11	0	16	0	0	0	3.81	.37	1.93	17	.0	0					5	2	1		
MADISONVILLE 1 SE		88.0	67.4	77.7		93	25+	59	11	0	15	0	0	0	14.09		3.42	7	.0	0					10	5	5		
MAYFIELD		88.9	69.0	79.0		95	23	60	11+	0	16	0	0	0	4.29		3.19	7	.0	0					3	2	1		
MURRAY		89.5	68.8	79.2	.6	94	24+	60	11+	0	18	0	0	0	3.19	-.20	1.20	6	.0	0					7	1	1		
OWENSBORO 2 W		88.8	68.0	78.4	1.6	95	24	58	10	0	16	0	0	0	8.45	5.03	3.82	17	.0	0					8	4	3		
PADUCAH FAA AIRPORT		87.5	68.7	78.1		95	24	60	12+	0	11	0	0	0	3.81		1.59	17	.0	0					6	3	2		
PADUCAH		89.4	68.2	78.8		96	24	60	10	0	15	0	0	0	4.12	.82	1.34	5	.0	0					4	4	3		
PRINCETON		88.5	67.9	78.2	.3	95	22	59	10	0	13	0	0	0	6.30	2.91	1.66	6	.0	0					9	5	2		
RUSSELLVILLE		89.5	68.0	78.8	1.6	95	25+	58	11+	0	17	0	0	0	4.25	.88	1.95	7	.0	0					5	2	2		
DIVISION																													
CENTRAL																													
ANCHORAGE		86.9	66.6	76.8	2.1	94	25	58	11	0	13	0	0	0	3.71	.17	1.47	17	.0	0					4	3	2		
BARDSTOWN 5 J PREP SCH H		88.3	66.2	77.3		95	25	53	11	0	14	0	0	0	1.30		.62	28	.0	0					4	1	0		
BONNIEVILLE		90.0	67.8	78.9	.9	97	26	60	12+	0	19	0	0	0	3.76	.05	.98	31	.0	0					7	3	0		
ROWLING GREEN FAA AP		89.3	67.5	78.4		95	25+	59	12+	0	16	0	0	0	3.83		1.12	20	.0	0					8	2	1		
CAMPBELLSVILLE		92.1	66.6	79.4		98	26+	58	12+	0	23	0	0	0	3.81		1.13	28	.0	0					6	3	2		
CLERMONT 1 SSE		89.1	66.3	77.7		95	31+	54	12	0	17	0	0	0	5.59		1.58	28	.0	0					9	5	2		
ELIZABETHTOWN		87.4	66.6	77.0		94	25	58	10	0	12	0	0	0	4.68		1.90	5	.0	0					7	4	1		
GLASGOW WKAY		89.1	67.2	78.2	2.1	95	27+	59	12+	0	17	0	0	0	2.42	-1.53	1.30	6	.0	0					7	1	1		
GREENSBURG	AM	90.4	67.4	78.9	2.5	96	25+	57	10	0	19	0	0	0	4.57	1.37	2.02	17	.0	0					6	4	1		
IRVINGTON		87.5	68.5	78.0	1.4	94	25	62	12+	0	13	0	0	0	4.98	1.42	1.79	29	.0	0					5	3	3		
LEITCHFIELD		91.9	70.8	81.4		98	25	65	12+	0	24	0	0	0	5.27		2.55	17	.0	0					3	3	2		
LOUISVILLE		91.2	70.0	80.6	4.5	100	26	61	12	0	21	0	0	0	5.20	2.14	1.85	16	.0	0					6	4	3		
LOUISVILLE WB AP	R	88.0	61.8	74.9		94	25+	54	12+	0	12	0	0	0	2.73		.81	5	.0	0					8	1	0		
MAMMOTH CAVE PARK		89.2	67.4	78.3		95	25	58	11	0	18	0	0	0	3.86		1.24	5	.0	0					10	2	1		
SCOTTSVILLE		89.0	66.6	77.8		97	3	57	10	0	16	0	0	0	4.09		.99	30	.0	0					7	3	0		
SUMMER SHADE		89.8	64.1	77.0		95	26+	56	12	0	19	0	0	0	3.30		.75	24	.0	0					7	2	0		
WOLF CREEK DAM	AM																												
DIVISION																													
BLUE GRASS																													
BEREA COLLEGE		91.4	65.6	78.5	2.7	98	6	55	12+	0	18	0	0	0	3.44	-.73	1.26	29	.0	0					6	3	1		
CARROLLTON LOCK 1		88.0	66.6	77.3		95	25+	58	13+	0	13	0	0	0	3.25	-.35	1.30	17	.0	0					4	3	1		
COVINGTON WB AIRPORT	R	89.3	67.6	78.5	5.0	97	25	57	3	0	17	0	0	0	1.80	-1.54	1.16	17	.0	0					4	1	1		
CYNTHIANA 2	AM	90.0	64.4	77.2		97	26	54	11	0	20	0	0	0	4.50		1.02	28	.0	0					7	4	1		
DANVILLE	AM	87.8	67.1	77.5		94	26	59	11	0	13	0	0	0	3.67	-.23	1.47	29	.0	0					7	2	1		
DIX DAM		88.7	68.0	78.4		96	26+	59	11	0	14	0	0	0	2.81		1.59	29	.0	0					5	1	1		
FALMOUTH		89.3	65.4	77.4		97	25+	56	13+	0	16	0	0	0	3.21	.07	.96	16	.0	0					6	2	0		
FLEMINGSBURG 2		87.8	65.5	76.7		94	25+	55	11+	0	14	0	0	0	5.30		3.31	15	.0	0					7	3	1		
FRANKFORT LOCK 4	AM	89.4	66.5	78.0	1.8	95	27+	59	13+	0	16	0	0	0	2.33	-1.27	.75	29	.0	0					6	3	0		
LEXINGTON WB AIRPORT	R	87.5	68.7	78.1	3.1	95	22	61	11	0	12	0	0	0	2.19	-1.18	1.43	28	.0	0					3	1	1		
MAYSVILLE DAM 33	AM	87.2	65.2	76.2	1.5	94	26+	56	3	0	11	0	0	0	1.23	-3.01	.35	29	.0	0					4	0	0		
MOUNT STERLING		88.3	66.0	77.2		96	24	57	11	0	14	0	0	0	1.77	-1.96	.85	16	.0	0					4	1	0		
RICHMOND	AM	87.5	66.1	76.8		95	26+	57	11	0	13	0	0	0	9.41		7.12	29	.0	0					4	3	2		
SHELBYVILLE 2 W	AM	87.8	67.1	77.5	1.8	94	21	59	11	0	12	0	0	0	4.95	1.28	1.96	17	.0	0					6	4	1		
WARSAW MARKLAND DAM	AM	91.2	69.3	80.3		99	24	60	2	0	20	0	0	0	3.32		1.70	17	.0	0					6	2	1		
WILLIAMSTOWN 5 WSW	AM	87.9	65.4	76.7	.6	97	26	58	11+	0	15	0	0	0	3.31	.01	1.11	31	.0	0					7	2	1		
DIVISION																													
EASTERN																													
ASHLAND DAM 29		89.7	67.6	78.7	2.9	98	14	56	3	0	14	0	0	0	2.04	-1.45	.95	29	.0	0					4	1	0		
BARBOURVILLE		89.4	64.8	77.1		95	25	57	13+	0	19	0	0	0	2.90		.84	4	.0	0					9	2	0		
BAXTER	AM	88.2	65.5	76.9		93	26+	58	13	0	14	0	0	0	2.82		.50	29+	.0	0					8	2	0		
BENHAM	AM	89.0	61.8	75.4		97	26	52	12	0	17	0	0	0	3.59		.57	7	.0	0					10	2	0		
BLAINE		90.0	61.6	75.8		96	26+	52	3	0	17	0	0	0	1.73		.49	7	.0	0					6	0	0		
DEWEY DAM	AM	89.8	65.7	77.8		96	24+	58	4+	0	15	0	0	0	2.10		.76	8	.0	0					5	1	0		
FARMERS	AM	89.2	63.9	76.6	2.5	96	25	52	3	0	15	0	0	0	4.44	.26	2.36	19	.0	0					6	2	1		
GRAYSON 1 SE	AM	90.7	64.3	77.5		99	15	51	3	0	19	0	0	0	2.51		.98	19	.0	0					4	2	0		
HEIDELBERG LOCK 14	R	88.8	65.3	77.1		95	25	55	13+	0	14	0	0	0	3.86	-.22	2.58	29	.0	0					7	1	1		
HINDMAN SETTLEMENT SCH	AM	85.6M	62.8M	74.2M		92	17	52	13	0	3	0	0	0	1.02		.36	29	.0	0					7	4	0		
INEZ		91.3	59.5	75.4		98	12	52	17+	0	19	0	0	0	1.91		.64	8	.0	0					4	2	0		
LONDON FAA AIRPORT		88.0	65.9	77.0		94	25+</																						



# CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY  
AUGUST 1959

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											50° or Above	32° or Below	32° or Below	0° or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
MOUNT VERNON	88.2	65.2	76.7		92	29+	55	11	0	14	0	0	0	4.33		1.06	28	.0	0		7	4	1	
PIKEVILLE	91.5	67.4	79.5		98	25+	59	13	0	19	0	0	0	4.84	.95	1.00	28	.0	0		9	3	1	
SOMERSET 1 N	87.2	65.0	76.1		93	25	55	12	0	12	0	0	0	5.54		3.15	4	.0	0		8	3	1	
VANCEBURG OAM 32	88.6	64.4	76.5		96	24	48	3	0	16	0	0	0	2.03	- 1.83	1.00	18	.0	0		4	1	1	
WEST LIBERTY	89.2	63.8	76.5		97	24	53	3	0	14	0	0	0	4.11		1.08	18	.0	0		8	2	1	
WILLIAMSBURG 2	AM	90.8	65.8	78.3	2.1	96	26+	59	13+	0	18	0	0	0	4.10	.30	.65	18	.0	0		10	3	0
DIVISION			76.9	1.7										2.95	- .93			.0						

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SW	22	6.6	35	SW	16	85	89	54	61	8	2	3	0	1	0	14	-	6.4
LEXINGTON WB AIRPORT	S	13	6.5	-	-	-	86	91	58	67	7	5	2	0	1	0	15	-	5.3
LOUISVILLE WB AIRPORT	S	14	7.3	37	S	16	85	90	57	62	5	2	2	1	3	0	13	57	5.7

See Reference Notes Following Station Index



# DAILY PRECIPITATION

Station	Day of month	Day of month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
ADDISON DAM 44	4.99					.11	T	.02	.02								.74	2.44	.46			.06						.01	.80	.18						
ADOLPHUS 1 N	4.99					1.55	.80	.04									.70	.10	.70									.01	.10	.18	.72					
ALBANY 4 N	2.29					.49	.09		.21								.10	.07			.21									.94						
ALLER	5.16					.21											.10	.07			.21									.94						
ANCHORAGE	1.71					.12		.08	T								1.09	1.47	.19	1.91			.21				.04	.91	.27	1.91	.77					
APEX 2 NE	8.25					.40	1.59	2.22	.02								.14	2.70	1.71										.03	.12	.75	.13				
ASHLAND DAM 29	2.04	.01															.45	.29		.07									.21	.03	.95	.03				
BABOURVILLE	2.10	.10				.84		.07	.02								.17	.18	.01										.19	.38	.03	.52	.14			
BARSTOWN S J PREP SCH	1.10					.11											.06	.07											.08	.07	.14					
BAXTER	2.82	.04				.50	.20	.05	.05											.15	.45					.05	.10	.04	.20	.47	.50					
BEAVER DAM	1.74					.09	.82	2.10	.01								.04	.05	.02											.52						
BENMAN	1.99					.20	.17		.57	.06							.05		.07		.40	.13	.97						.08	.07	.56	.21	.14			
BERTON 2	5.56					1.47	1.17	.16										.67	T										.18	.04	.75	.04				
BEREA COLLEGE	1.44					.10			.29								.01	.04		.07									.11	.79	1.26					
BEREA WATER WORKS	6.57					.11		.05	.11								.17	.09	.28	1.51							.04	.11		T	.03	1.49		.56		
BLAINE	1.71	.05						.49	.10								.07	.20	.04										.02	.37	.17	.02	.04			
BOWMIEVILLE	2.92					.20	.08	.20	T								.32	.17	.35											T	1.44		.65	T		
BOWLING GREEN	2.97					.52		.07	.07										.22		.02	.03								T	.65	.31				
BOWLING GREEN SUBSTA	2.38	.04				.64	T	.77											.20											T	.51	.22				
BOWLING GREEN FAA AP	3.76					.40	.19	.68	.06										.16			.07	.07							T	.35	.60		.98		
BRENT DAM 56	2.84					T	.21										.02	.40	.30									.02	T	.17	.04	.04				
BROWNSVILLE LOCK 6	4.95	1.40				.47	T	.29	.12								.07	T	.49											T	.44	.97		.75		
BUROINE 2 NE	2.61					.45														.27										.10	T	.92		.29		
BURKESVILLE	2.44	T				1.02	.12	T	.07	T							T	.05	.09	.08										.10	T	.70	T	.15		
CADIZ LOCK E	4.59	.63					.15	2.69										.29												.10	.38					
CALHOUN LOCK 2	7.84					1.07	1.34	1.16									.02	.05		1.78	1.64									.06	.79					
CAMPBELLVILLE	5.83					.03	.42	.91	.03									.21	.03			1.17	.68						.14	.02	.29	.13	.41	.02		
CANEYVILLE	9.01	.68				.62	.04	.07	.04									.64	1.17											.97	.06		.03			
CARROLLTON LOCK 1	5.25					.30												T	1.30	.05											.86		.74			
CLAY CITY 1 WW	3.68								.11									.34	1.18	.84										.76	.45					
CLENMONT I SSE	3.81					.26	1.07										.39	.31	.56											.01	1.13		.01			
COBB	7.27	.20					.71	2.25	.12									.25	1.85				1.19								.70					
COLLEGE HILL LOCK 11	3.04	.02				T	.02	T	.54	T								.64	.07	.94	T		.03								T	1.62		T		
COVINGTON WB AIRPORT	1.80					.30											.05	.15	1.16	T		T									T	.13	T			
CUMBERLAND FALLS ST PK	2.46					.14	.67											.56	.21											.06	.09	.52				
CYRTHIANA	5.26	T							T	T								.54	1.25	.49	.38	T								1.51	1.07	.02	T			
CYNTHIANA 2	4.50					.22		.02	.06									.42	.82	.39	.25	.01								.58	1.02	.95	.03	.03		
DARVILLE	3.67	.10				.12	.10	.10										.35	.90		.40	.02	.10							.03	T	1.47				
DELPHIA 1 E	1.97	.10	.15			.02														.21											.42	.19	.03			
DEWEY OAR	2.10	.08							.76																						.39					
DIX OAR	2.81					.12		.48										.40	.15		T	T								.01	1.59	.02				
DUNOCE BARRETT'S FORD	4.02					.30	.42	.10	.10									.95	.60				.25								1.03	.15		.12		
DUNWORTH	6.35	.50				.12	2.48	1.37										.44	.80		.09										.11	.24				
EDDYVILLE LOCK F	6.57	.12					.40	3.30										.02	.10	1.70										.74	.19					
EDMONTON	5.47					2.20	1.45	.15									.17				1.05									.05	.10	.20		.15		
ELIZABETHTOWN	5.59					.10		.08	.15								1.10	.40	.55												1.58	.18	.86	.64		
ELKHORN CITY	5.67					1.15	.52		.34									.22	.25		.22	.28								.18	.38	1.35	.56			
ELKTON 2 S	4.47	.23				.04	.04	.18	1.63									T	T	.61	.75		.22	.28						.10	.03	.78	T			
FALMOUTH	3.21					.04	.07											.96	.26	.29	.48										.92	.19				
FARMERS	4.44					.03												.14	.33	.83	2.36									.06	.11	.48	.01	.09		
FLEMINGSBURG																																				
FLEMINGSBURG 2	5.30					T			.01								3.31	.11	.40	.53	T	.03								.15	.03	.56	.03	.17	T	
FORD LOCK 10	2.89	T				.02		.10	T									.45	.05		T	.03									.85	T	1.39	T		
FORDS FERRY DAM 50																																				



# DAILY PRECIPITATION

KENTUCKY  
AUGUST 1959

CONTINUED

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEIDA	4.36	.10				.12	.14	.19	.10								.20	.41	.39														
ONEIDA OAM 35	4.28				T	.20											.05	.13	.12		1.30			.15				1.93	.04	.74			
OWENSBORO 2 W	8.45					.11	1.56	.30	.13	T							.05	3.82	.62									.02	1.56	.28			
OWENSBORO OAM 46	7.70					.10	.90	.28	.12								.01	3.93	.66										T	1.35	.35		
PAUCAM FAA AIRPORT	3.81					T	1.28	T							.02	T	.12	1.59			.02						.13	.51	.14	T		T	
PAUCAM	4.12						1.34	1.21										1.07												.50			
PAINTSVILLE	2.63	.10				.10			T										.13								.02	.45	1.08	.62	.13		
PIKEVILLE	4.84			.41	.92			.06									.06	.03		.20		.10		.01			.04	.34	1.00	.32	.48	.87	
PINEVILLE	1.75	.02			.18	.46		.07	.02								.17	1.33			.03				.15	.06			.03	.42	T		
PRINCETON	6.30					.91	1.66	.78													.65					.10	.07		.16	.47			
RAVENNA LOCK 12	3.62	.32				.09		.45	.10								T	.18				T	T					.06	.28	1.80		.34	
RICHMOND	9.41				T	.08		1.15	.34								T	.09						.09	T				T	.12	.54		
ROCHESTER LOCK 3	7.59	.32				1.67	.96	.81	.06								1.60	1.61											.15	.41			
RUSSELLVILLE	4.25					.35	.16	1.95	.01								.02	1.21		.05								.03	.34	.08	.05		
RUSSELLVILLE SUBSTA	3.98					.38	.42	1.64								.02	T	1.09											.29	.03	.11		
SALVISA LOCK 6	2.02				T	.14			T								.06	.16	.37									T	.02	1.22	.05		
SALYERSVILLE 2 SE	2.14				.48				.08								.08	.08											.58	.38	.24	.03	
SCOTTSVILLE	3.86					1.24	.43	.09	.08								.32	.20	.11			.34						.18	.22	.63	.10		
SEBREE	9.77	.64				.90	2.88										1.40	2.55												1.10			
SHAWNEE STEAM PLANT	4.81	.11				.10		1.71	.30								.25	1.85										.08	.71				
SHAWNEEVILLE 2 W	4.95					.16											.86	1.96	.25									T	.77	.95			
SHEPHERDSVILLE	3.59					.65											1.00	.38			.18								.94	.44			
SOMERSET 1 M	5.54					3.15	T	.03	.12	.14						.06	.11	.01	.70		.65	.01	T				.11	.44	.01				
SPRINGFIELD	3.30					.58	.28		.43								.38	.30	.13										.30	.90			
STEARNS	2.96					.07	.70		.52	.10									.57				.48		.07				.11	.34			
SUMMER SHADE	4.09				.42	.42	.27	T	.09									.05	.16			.07		.97	T				.65		.99		
SUMMER SHADE SUBSTA	3.49					.72	.15	.11	.08									.05		.18			.07	.85				.01	.06	.38		.83	
TAYLORSVILLE	3.66					.27	.05										1.05	.68	.21										.02	.21	.68	.06	
TURKEY CREEK SCHOOL	4.87	1.32						.13	.03								T	.15	.19					.03				.11	.68	.01	.78	1.35	
TYRONE LOCK 5	3.25	.02				.07	.12	1.48	.07									.15	.16									.06	.04	1.33			
UNIONTOWN OAM 49	8.83					.90	.90	2.78	.05								1.98	1.10			.12							.10	.87		.03		
VALLEY VIEW LOCK 9	9.26	.13			T	.03		1.57	.05								.46	.49	T			.17				T		.01	T	6.35	T		
VANBUREN	2.03								.45									1.00	.40	.21								.02	T	.35			
VANCEBURG OAM 32	3.32				T	.30		T	.16								.02	1.70	.14	.40										.05	.55		
WARSAW MARKLAND OAM	2.59					.18			.24								.15	.09	.15	.10									.16		.26		
WAYNESBURG 7 NE	4.11	.43							.43								.25	.65	1.08									.06	.05	.32	.39	.45	
WEST LIBERTY	4.10	.08			.41	.20		.60	.24								.11	.65		.A7								.41	.02	.21	.68	.06	
WILLIAMSBURG 2	3.77	.04			.03	.07		.13	.03								.25	.71	.17										.24	T	.44	.09	
WILLIAMSBURG 5 WSW	4.40					.35		.22	.30								.21	.11	.23											.24	2.74		
WILLOW LOCK 13	3.30					.60	.08		.05								.35	.06	.40		.16	.02							.75		.35	.06	.32
WOLF CREEK OAM	6.11	.90				.92	.14	1.10									.19	.70	1.08									.02	.07	.99	T	.03	
WOODBURY LOCK 4																																	

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 8:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above and-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AW Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if

carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

1911 J F Y  
AUGUST 1911

Station	Day Of Month																																	Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ANCHORAGE	MAX MIN	89 68	85 65	87 61	78 69	89 64	87 70	84 71	78 62	79 61	83 60	85 58	90 60	92 60	92 65	90 67	83 67	78 66	90 67	90 68	92 69	90 69	91 69	90 69	92 10	94 10	92 10	85 12	82 11	86 11	85 10	87 65	86.9 66.6	
ASHLAND DAM 29	MAX MIN	87 67	82 62	88 66	88 74	88 68	87 67	88 81	81 72	81 61	87 61	87 60	91 61	95 62	98 63	91 67	89 69	90 90	91 69	91 69	95 71	97 71	96 72	97 72	96 72	95 70	89 72	87 70	84 72	88 70	89 67	89.7 67.6		
BARRORVILLE	MAX MIN	90 67	90 67	91 62	85 68	90 67	89 66	85 68	84 63	84 59	86 60	90 57	91 60	91 60	89 64	89 63	91 64	91 65	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91.4 66.8	
BARDSTOWN S J PREP SCH	MAX MIN	86 68	84 63	89 61	83 72	89 65	85 68	87 61	81 61	81 61	84 57	87 53	90 58	91 61	91 66	89 66	86 67	81 66	90 66	92 66	90 69	91 69	91 69	92 69	92 70	92 68	93 71	93 71	91 73	89 70	84 70	85 65	88.3 66.2	
BAXTER	MAX MIN	90 70	87 60	90 62	86 64	81 68	89 67	88 67	83 70	83 63	82 61	83 60	85 59	90 58	92 59	91 62	88 63	88 64	85 66	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92.2 65.5	
BEAVER DAM	MAX MIN	86 69	87 62	92 62	90 73	91 73	76 68	86 81	82 63	82 60	84 59	85 59	89 59	91 60	91 66	88 66	86 67	82 67	91 68	90 67	92 68	92 69	92 69	92 69	92 69	92 69	92 69	92 69	92 69	92 69	92 69	92 69	88.2 67.7	
BENHAM	MAX MIN	91 68	90 63	87 53	90 62	83 56	90 65	85 65	83 57	83 59	85 56	85 52	85 52	90 54	92 57	91 57	88 58	91 60	89 65	82 62	92 62	92 62	92 62	92 62	92 62	92 62	92 62	92 62	92 62	92 62	92 62	92 62	89.0 61.8	
BENTON 2	MAX MIN	87 68	89 60	94 65	91 72	86 69	85 69	83 60	85 59	89 59	84 57	85 57	89 57	87 61	87 64	88 67	90 68	82 68	89 70	91 66	92 67	92 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	88.9 66.1		
BEREA COLLEGE	MAX MIN	89 68	87 60	93 61	89 71	87 61	91 61	98 66	92 66	86 64	86 58	88 55	95 55	96 59	95 63	88 67	81 69	75 65	95 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	91.4 65.6	
BLAINE	MAX MIN	89 64	86 55	86 52	82 66	88 63	91 64	85 67	81 60	86 58	84 54	85 54	91 54	96 54	95 62	91 61	89 61	93 61	95 64	94 64	95 64	96 64	96 64	96 64	96 64	96 64	96 64	96 64	96 64	96 64	96 64	96 64	90.0 61.6	
BONNIEVILLE	MAX MIN	86 71	84 59	89 64	83 68	90 73	81 68	86 70	77 64	82 60	84 58	87 57	90 56	92 60	89 63	88 67	86 71	79 66	91 65	92 65	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	87.6 66.5	
BOWLING GREEN FAA AP	MAX MIN	89 68	90 63	95 68	89 73	93 72	78 71	87 66	79 64	84 63	86 62	86 60	90 60	93 65	91 65	90 69	83 67	94 66	92 67	95 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	89.0 67.8	
CAMPBELLSVILLE	MAX MIN	89 73	86 62	90 63	83 70	90 69	85 73	85 64	83 63	83 64	85 59	88 58	92 59	93 63	91 66	89 67	86 71	83 62	92 66	93 67	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	89.3 67.5	
CARROLLTON LOCK 1	MAX MIN	87 67	81 63	83 60	82 70	87 66	87 67	87 68	80 65	81 62	80 62	87 58	90 58	95 58	93 58	91 67	87 69	81 68	90 69	90 69	91 69	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	88.0 66.6	
CLERMONT 1 SSE	MAX MIN	93 69	88 61	92 61	90 73	94 65	93 70	94 72	89 61	93 62	88 58	90 58	93 58	95 61	92 64	89 68	87 69	79 68	95 67	96 68	88 68	93 69	96 69	97 69	97 71	97 70	97 71	97 70	97 71	97 71	97 71	97 71	92.1 66.6	
COVINGTON W8 AIRPORT	MAX MIN	91 64	84 59	81 57	84 69	89 65	70 65	80 63	81 62	82 63	80 60	88 61	92 64	95 65	95 69	92 69	89 69	90 70	92 72	92 72	91 72	91 72	95 72	96 72	96 73	96 73	96 73	96 73	96 73	96 73	96 73	96 73	89.3 67.6	
CYNTHIANA 2	MAX MIN	94 68	88 63	85 55	85 61	84 64	90 63	80 64	84 60	91 56	88 54	86 54	87 55	92 56	95 61	94 64	86 67	81 67	92 67	92 67	93 67	93 67	94 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	90.0 66.4	
DANVILLE	MAX MIN	93 70	86 64	85 62	90 65	90 66	89 66	85 71	85 66	79 65	84 60	84 59	86 59	91 60	92 65	91 65	88 66	80 67	81 68	90 68	91 69	89 70	88 70	92 70	92 70	92 70	92 70	92 70	92 70	92 70	92 70	92 70	87.8 65.7	
DEWEY OAM	MAX MIN	92 70	88 70	85 58	89 67	84 66	86 66	86 67	87 70	83 62	84 60	86 59	91 60	95 60	95 60	95 60	91 67	86 62	95 65	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	89.8 65.7	
OIX OAM	MAX MIN	87 65	87 65	88 65	80 64	89 68	88 67	85 71	86 65	83 61	86 59	86 59	91 60	92 62	92 65	91 63	83 69	79 68	90 70	91 70	91 70	94 72	95 73	96 74	96 74	96 74	96 74	96 74	96 74	96 74	96 74	96 74	88.7 68.0	
ELIZABETHTOWN	MAX MIN	92 69	86 59	90 65	87 74	91 65	88 70	86 69	85 61	82 60	84 58	85 54	95 61	91 64	90 66	89 66	88 78	78 67	90 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	89.1 66.3	
FALMOUTH	MAX MIN	88 65	84 60	83 56	84 70	88 66	90 65	83 69	83 63	84 63	85 59	88 56	92 58	95 56	94 56	90 61	88 63	81 63	91 67	92 67	94 67	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	89.3 65.4	
FARMERS	MAX MIN	89 65	85 58	85 52	84 71	87 67	90 64	87 64	83 67	83 68	85 58	86 55	91 55	95 58	95 60	90 64	85 64	91 59	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	92 64	89.2 63.9
FLEMINGSBURG 2	MAX MIN	85 65	81 60	83 55	80 66	85 66	88 63	89 68	79 65	81 60	84 56	87 55	91 59	93 61	92 65	88 61	82 65	91 66	90 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	92 67	87.8 65.5	
FOROS FERRY OAM 50	MAX MIN	88 72	89 66	95 70	90 72	90 71	76 63	87 72	81 66	82 66	82 62	88 63	92 64	93 67	90 72	89 72	91 70	92 70	93 70	92 69	92 69	93 70	93 70	93 70	93 70	93 70	93 70	93 70	93 70	93 70	93 70	93 70	89.4 69.8	
FRANKFORT LOCK 4	MAX MIN	94 69	88 64	85 60	90 62	83 66	91 67	90 69	88 63	80 63	85 60	87 59	90 60	93 59	93 61	89 66	87 68	81 67	91 67	92 67	92 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	93 67	89.4 66.5	
GLASGOW WKAY	MAX MIN	85 70	85 63	90 65	86 73	90 69	78 65	85 68	82 62	82 63	83 58	83 58	89 59	91 61	89 64	88 66	81 66	91 66	90 66	92 66	92 66	92 66	92 66	92 66	92 66	92 								



Continued

## DAILY TEMPERATURES

KENTUCKY  
AUGUST 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEITCHFIELD	MAX	86	85	89	84	90	79	86	78	81	82	85	91	91	92	89	89	77	90	90	90	92	92	91	92	94	91	87	87	89	87	88	87.5
	MIN	70	65	66	71	70	71	67	63	66	62	62	62	67	70	70	67	69	69	70	71	71	72	72	73	73	72	72	65	70	68	69	68.5
LEXINGTON W8 AIRPORT	MAX	85	82	85	83	88	88	86	77	83	84	86	92	94	94	90	81	80	90	90	89	93	95	93	94	94	93	87	78	86	86	88	87.5
	MIN	69	64	65	70	69	68	71	67	64	62	61	64	65	67	70	70	69	68	69	71	71	72	72	74	74	74	73	69	71	69	67	68.7
LONDON FAA AIRPORT	MAX	84	86	90	82	89	89	84	81	83	84	86	91	93	91	87	84	83	91	92	94	93	91	94	91	94	92	88	80	86	87	88	88.0
	MIN	65	61	65	69	66	66	69	66	64	57	59	56	60	61	67	67	66	67	66	66	67	68	72	69	70	68	70	70	69	68	68	65.9
LOUISVILLE	MAX	90	88	92	84	94	92	91	85	83	88	90	95	97	94	94	86	83	95	94	90	96	97	97	94	98	96	94	93	94	90	94	91.9
	MIN	71	70	68	72	68	73	72	66	69	65	65	65	67	72	74	68	67	68	72	74	73	74	74	75	76	75	74	72	74	73	68	70.8
LOUISVILLE W8 AP	MAX	91	88	91	82	94	88	90	80	82	87	91	96	97	96	92	85	80	95	95	94	96	98	98	95	99	100	90	86	91	89	91	91.2
	MIN	71	68	69	70	67	73	70	67	66	64	62	61	65	69	71	70	70	70	73	73	74	74	74	74	74	74	75	70	72	72	69	70.0
LOVELACEVILLE	MAX	88	90	94	89	93	86	88	82	84	83	85	91	92	87	86	91	84	91	91	90	93	94	94	95	91	89	86	87	91	91	88	89.2
	MIN	69	64	66	74	73	72	72	64	61	59	54	60	64	67	69	69	67	67	69	67	69	69	69	69	69	69	69	69	69	69	69	67.5
MADISONVILLE 1 SE	MAX	86	87	92	90	90	75	87	82	80	83	85	89	90	88	92	88	81	90	91	90	92	91	93	93	93	90	87	85	91	89	89	88.0
	MIN	69	61	67	76	71	69	70	62	65	60	59	60	63	65	70	70	66	67	67	67	69	70	68	70	72	71	70	71	69	69	65	67.4
MAMMOTH CAVE PARK	MAX	87	88	90	87	93	85	88	84	84	83	87	82	80	90	89	87	82	90	92	90	94	94	92	90	94	92	88	88	86	84	88	88.0
	MIN	66	55	60	66	65	66	65	58	62	55	54	54	58	60	64	63	67	59	61	63	62	63	63	64	62	62	66	65	65	63	60	61.8
MANCHESTER 4 SE	MAX	87	86	90	84	90	89	85	84	85	85	87	92	94	93	90	87	85	92	93	95	94	93	96	94	97	97	92	81	86	91	90	89.8
	MIN	68	58	62	70	66	67	68	71	63	61	60	57	56	60	61	66	63	65	66	66	68	70	70	69	68	69	68	70	69	68	69	65.5
MAYFIELD	MAX	90	92	93	91	94	88	90	79	85	84	86	90	91	87	86	85	88	89	87	89	93	94	95	90	91	85	84	84	93	94	90	88.9
	MIN	71	65	68	80	74	72	70	62	65	60	60	61	66	70	69	69	69	68	70	67	70	70	69	72	67	70	72	72	72	80	68	69.0
MAYSVILLE DAM 33	MAX	90	86	80	81	82	88	87	86	80	80	82	88	90	94	92	87	85	80	88	88	93	91	91	92	92	94	88	88	83	86	90	87.2
	MIN	64	62	56	59	65	67	67	68	62	60	58	58	59	60	63	65	65	66	67	67	68	68	69	70	70	71	71	69	71	70	66	65.2
MIDDLESBORO	MAX	89	90	89	83	91	86	82	85	85	86	87	91	92	92	88	88	86	90	94	92	94	94	93	92	95	95	89	85	87	90	91	89.4
	MIN	67	58	62	70	67	66	67	70	60	59	59	56	56	60	59	65	63	66	64	66	66	69	68	69	68	68	67	69	65	68	66	64.6
MONTICELLO	MAX	87	87	90	83	89	86	83	80	82	83	86	90	92	89	87	86	83	89	91	92	90	93	90	92	94	97	91	87	88	90	89	88.3
	MIN	70	59	65	70	71	71	70	68	64	61	63	55	60	64	68	67	70	65	65	66	66	67	69	68	70	69	70	70	68	67	65	66.5
MOUNT STERLING	MAX	86	83	86	82	84	88	84	83	83	86	85	91	94	94	91	91	81	90	90	93	92	93	95	96	95	93	88	85	82	85	87	88.3
	MIN	67	60	58	71	67	69	68	66	62	58	57	58	62	63	66	65	68	66	66	67	68	70	70	71	70	72	68	70	68	68	65	66.0
MOUNT VERNON	MAX	90	86	89	88	87	88	88	83	82	82	88	90	89	90	91	86	86	90	91	89	90	91	90	90	92	91	88	79	92	87	91	88.2
	MIN	69	59	63	65	65	67	64	65	65	66	55	58	60	61	59	68	69	68	66	66	67	67	69	69	68	66	67	67	68	66	70	69.2
MURRAY	MAX	89	90	94	91	92	88	90	80	83	84	87	90	91	89	88	90	85	89	91	92	93	94	94	91	92	87	88	93	90	89	90	89.5
	MIN	70	64	68	75	74	70	71	67	65	60	60	62	67	69	71	70	70	70	69	68	70	70	69	70	70	69	71	73	73	70	68	68.8
OWENSBORO 2 W	MAX	89	89	94	84	90	75	88	80	85	84	89	92	91	88	88	86	79	91	91	91	93	94	94	95	94	90	87	86	92	91	92	88.8
	MIN	68	66	68	74	67	68	70	63	65	58	60	61	65	66	69	69	67	67	68	69	70	71	70	72	70	72	71	71	71	72	69	68.0
PADUCAH FAA AIRPORT	MAX	87	89	92	88	90	85	86	75	81	81	85	90	91	86	86	91	80	89	89	89	91	92	93	95	93	87	83	83	90	89	88	87.5
	MIN	69	64	70	75	72	70	67	63	62	61	60	60	65	69	70	71	68	68	70	68	71	72	72	71	73	70	73	73	74	71	69	68.7
PADUCAH	MAX	89	92	95	91	95	85	89	83	86	85	88	89	92	88	89	91	82	92	90	92	94	95	94	96	92	92	85	85	85	86	89.4	
	MIN	68	64	69	76	73	72	71	63	62	60	61	61	65	68	70	70	68	68	71	67	69	70	70	70	71	67	71	71	70	70	67	68.2
PIKEVILLE	MAX	88	89	90	84	87	91	89	84	87	87	90	95	97	94	93	93	91	95	97	98	89	97	98	97	98	93	88	87	86	92	93	91.5
	MIN	71	60	62	70	70	67	69	72	64	63	64	61	59	60	65	67	66	70	68	67	70	72	71	72	72	71	65	70	70	71	70	67.4
PRINCETON	MAX	89	90	93	85	87	84	88	81	83	82	86	90	90	87	88	89	89	90	90	89	86	95	94	93	93	92	84	86	92	89	90	88.5
	MIN	71	64	69	74	72	71	70	63	60	59	60	61	63	67	71	69	68	62	63	70	69	70	70	71	73	69	72	71	71	73	68	67.9
RICHMOND	MAX	90	84	83	89	81	89	85	83	80	82	83	85	91	93	91	88	84	81	92	90	90	92	91	95	92	95	94	88	79	85	86	87.5
	MIN	70	63	62	69	65	65	70	67	63	58	57	58	59	63	67	67	68	65	65	67	68	69	70	70	70	71	71	69	69	68	66	66.1
RUSSELLVILLE	MAX	89	91																														

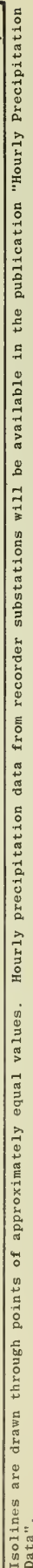


KENTUCKY  
AUGUST 1958

See Reference Notes Following Station Index

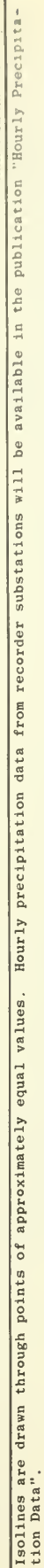


KENTUCKY  
AUGUST 1959





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# STATION INDEX

KENTUCKY  
AUGUST 1959

AUGUST 1957													
STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
							TEMP.	PRECIP.	EVAP.	SPECIAL			
ADDOSON DAM AS	0031	BRECKINRIDGE	7	37 55	86 34	380	6A					C	CORPS OF ENGINEERS
ADOLPHUS I N	0043	ALLIEN	3	36 39	86 18	400	7A						LOELL M. DEARING
ALBANY A N	0063	CLINTON	2	36 45	85 08	1000	7A						MRS. BARBARA M. COOL
ALLEN	0095	FLOYD	1	37 35	82 43	658	8A						MANNIE AUKER
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P						C. E. BARRETT
AREX 2 NE	0185	MULLENBERG	3	37 08	87 19	510	7A						SPENCER ROWSE
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6R						CORPS OF ENGINEERS
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P						UNION COLLEGE
BARSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	6R						ST. JOSEPH PREP. SCHOOL
BAXTER	0500	MARLAN	2	36 51	83 20	1164	7A						C. HOMER NOLAN
BEAVER DAM	0450	OHIO	3	37 25	86 52	441	6P						H. E. G. YOUNG
BENHAM	0595	MARLAN	2	36 58	82 57	1585	8A						C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P						JAMES H. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P						RADIO STATION WCLB
BEEA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P						C. H. JAMES A. GROSSMAN
BEEA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A						MRS. LAURA B. GABBARD
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P						A. ENOCH WHEELER
BONNIEVILLE	0854	HART	3	37 23	85 54	702	6P						HAROLD WALKERS
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A						JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A						IVA-639
BOWLING GREEN FEA AR	0909	WARREN	3	36 58	86 26	535	MID						FED. AVIATION AGENCY
BRENT DAM 36	0978	CAMMELL	7	39 03	84 25	497	7A						CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A						FLORIDE SKAGGS
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A						EDWIN E. JOHNSON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A						MARVIN M. LEE
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A						CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A						CORPS OF ENGINEERS
CAMMELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P						H. ALVA MC KINLEY
CANNESVILLE	1294	GRAYSON	3	37 25	86 30	600	7A						G. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6P						CORPS OF ENGINEERS
CLAY CITY 1 NW	1576	POWELL	4	37 52	83 56	712	7A						JOEL W. MOUNTZ
CLERMONT 1 SSE	1601	WHITLEY	8	37 55	85 40	540	5P						BERNARD FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	390	5P						WOODSON D. FRANKLIN
COBB	1663	CALDWELL	2	36 59	87 47	490	7A						MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	STILL	4	37 47	84 06	611	7A						CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	669	MID						C. H. J. U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1969	WHITLEY	8	37 55	85 40	540	5P						KY. DEPT. OF CONSA
CYNTHIANA	1988	HARRISON	5	38 23	84 18	684	7A						MARKY HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A						K. J. CARDINAL DAIRY
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A						R. P. COLEMAN
DAVELLA	2053	MARTIN	1	37 48	82 32	718	7A						MRS. EVA M. DAVIS
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A						BALLARD F. WALKER, JR.
DEMA	2139	KNOTT	1	37 25	82 48	850	7A						MATTIE B. BARNEY
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A						CORPS OF ENGINEERS
DIX DAM	2214	MERCER	4	37 48	84 93	870	4P						PHILLIP O. THACKER
DUNDEE BARRETTIS FORD BR	2358	OHIO	3	37 33	86 43	440	7A						JESSE L. HUFF
EDMONSON	2368	MULLENBERG	3	37 05	87 00	592	7A						N. O. GIVENS
EDYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A						LENA BLAIR
EDDYVILLE LOCK F	2443	EDMONSON	3	37 00	85 37	865	7A						CORPS OF ENGINEERS
EDMONTON	2469	METCALFE	3	37 00	85 37	793	7A						J. E. MORAN
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P						RADIO STATION WEL
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A						EDMOND O. BENNETT
ELKTON 2 S	2548	TOWNS	2	36 47	87 10	520	7A						S. RICHARD ANDERSON
FALMOUTH	2575	RENOLETON	8	38 40	84 20	560	6P						FRANK H. LAMSON
FARMERS	2791	ROWAN	5	38 09	83 33	668	6P						MRS. C. C. STAMPER
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A						MRS. JEAN FLEMING
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P						WILLIAM M. FISCHER
FORD LOCK 10	2953	MADISON	4	37 54	84 18	660	6A						CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P						CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A						CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A						MRS. KATIE D. NEAL
FREEDBURG 2 SW	3046	PIKE	1	37 33	82 10	730	8A						MRS. ALTA S. GOOSLIN
FRENCHBURG	3052	MENEFEE	5	37 57	83 39	860	7A						MRS. ESTHER WILSON
GAMALIE	3112	MONROE	3	36 38	85 48	860	7A						E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A						WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A						CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A						EMILY M. BEAM
GLASGOW WEAT	3246	BARREN	3	37 00	85 55	808	6P						RADIO STATION WEAT
GLENDALE 1 E	3252	HARDIN	3	37 36	85 54	710	7A						DEWEY S. HILL
GLENDALE POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P						FISH & WOLF. REFUGE
GRANT OAK 38	3358	BOONE	7	38 59	84 50	603	7A						CORPS OF ENGINEERS
GRAYTON 1 SE	3392	CARTER	7	38 19	82 56	900	6A						ALBERT G. SWANAGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A						HOWARD PICKETT
GREENSBURG HWAY 61 BR	3435	GREEN	3	37 15	85 30	590	7A						LYNN T. BLAKEMAN
GREENUP OAK 30	3443	GREENUP	7	37 18	82 51	538	7A						CORP OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P						C. R. LOVELL
HALES HILL	3539	CHRISTIAN	3	37 03	87 20	740	6A						CLEATUS E. BRINKLEY
HARTFORD 6 N	3652	OHIO	3	37 32	86 54	429	8A						DAVID K. CARSON
HAZARD	3709	PERRY	4	37 15	83 12	869	7A						H. A. BAILEY
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	7A						H. LEE J. MOUSTON
HAZLEBERG LOCK 14	3741	LEE	4	37 33	83 46	665	5P						CORPS OF ENGINEERS
HENDERSON 4 SW	3762	HENDERSON	7	37 47	87 37	382	6P						M. FRANK STREET
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A						C. W. REATTS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	-	7A						MRS. WFL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A						TVA-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A						CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH	3899	KNOTT	4	37 20	82 59	1080	8A						HINDMAN SETTLEMENT SCH.
HODGENSVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A						NATIONAL PARK SERVICE
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A						MICHAEL F. SMITH
HYDEN	4093	LESLIE	4	37 10	83 23	-	7A						MRS. FERN F. ELAM
INEP	4134	MARTIN	1	37 52	82 32	638	6P						UNITED FUEL GAS CO.
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	646	7P						FLOYD G. ROBBINS
JACKSON	4196	BREATHITT	4	37 53	83 23	795	7A						JAMES O. MALONEY
JEREMIAH	4255	LETCHER	4	37 10	82 54	1150	5P						HOBART ISON
KEENE 1 NW	4369	JESSAMINE	4	37 57	84 38	941	7A						HUGH W. BUEFFIN
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A						TVA-379-A
LA GRANGE 1 SW	4595	OLDHAM	7	38 24	85 24	874	6A						WYATT W. HARDIN
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A						KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6A						ALBERT STIKELATHER
LEITCHFIELD WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID						U.S. WEATHER BUREAU

1-1816 SANJO; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

See Page 94 for Reference Notes

USCIBW-Asheville, N. C. --- 10/2/59 --- 800



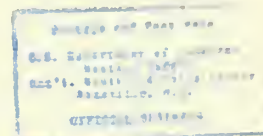
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U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY



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SEPTEMBER 1959  
Volume LIV No. 9



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## KENTUCKY - SEPTEMBER 1959

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 30+ at 7 stations

Lowest Temperature: 28° on the 19th at Inez

Greatest Total Precipitation: 6.27 inches at Shawnee Steam Plant

Least Total Precipitation: 0.10 inch at High Bridge Lock 7

Greatest One-Day Precipitation: 2.55 inches on the 1st at Glasgow

### SPECIAL WEATHER SUMMARY

Moisture deficiencies of previous months were generally erased by rather well distributed and adequate amounts of rainfall over most sections from May through July. August rainfall favored western counties, with substantial amounts averaging 2.50 inches above normal in the Western Division. Near normal August precipitation was recorded in Central and Bluegrass Divisions, with the Eastern Division having an average rainfall deficiency of almost an inch during the month. Rainfall during September again favored western counties with 3 to 6 inch monthly totals over the western half of that division. Totals were progressively lighter from the Mississippi River on the west to the eastern Bluegrass, with an increase in amounts from there to the eastern border of Kentucky. With isolated exceptions, all stations in the Central and Bluegrass Divisions, and all but the extreme southeastern portion of the Eastern Division recorded well below normal rainfall during September with least precipitation generally in the central and southern Bluegrass, eastern counties of the Central Division, and western portions of the mountainous east. Average September rainfall for the Central Division of 1.53 was only 50% of normal expectancy, with the Bluegrass Division total of 0.89 inch being 2.03 inches below normal. Eastern Division average rainfall of 2.04 inches was 0.60 inch below normal September precipitation. Eleven rainfall stations mostly in the Bluegrass Division, recorded monthly totals under 1/4 inch, with most of this falling during the last 3 days of the month. Monthly total of 0.24 inch

at Lexington was the least September rainfall total of record at that location, and the second driest month in records for all months of the year. Total of 0.48 inch at Louisville made it the fourth driest September at that location in records beginning in 1872.

Topsoil moisture from August rains was sufficient in most sections to permit near normal farming operations during the first half of September, with dry weather favoring the harvest of alfalfa and lespedeza hay of unusually high quality. Pasture condition was declining rapidly in central and eastern counties by the third week of September and seeding of fall grains and cover crops was virtually suspended in the same area. By the end of the fourth week of the month, stock water was reported as short in most of the northern Bluegrass and northeastern counties with over 90% of reporters in the crop-weather network reporting shortages of soil moisture. The dry weather hastened maturity of all crops, with corn picking and soybean combining well underway by the close of the month. Cutting and housing of the Kentucky tobacco crop was virtually finished by the end of September. Early cut tobacco suffered varying amounts of houseburn during a period of high humidity early in September, with very favorable curing conditions over most of Kentucky during the last half of the month.

O. K. Anderson,  
State Climatologist  
U. S. Weather Bureau  
Louisville, Kentucky







# CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY  
SEPTEMBER 1959

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
MOUNT VERNON	83.1	57.9	70.5		91	4	41	19	22	2	0	0	0	.26		.26	2	.0	0		1	0	0	
PIKEVILLE	85.7	59.5	72.6		95	28	43	19	4	12	0	0	0	1.89	-.96	1.56	30	.0	0		2	1	0	
SOMERSET 1 N	82.7	57.5	70.1		88	29+	44	15	16	0	0	0	0	1.00		.79	1	.0	0		2	1	0	
VANCEBURG DAM 32	83.1	56.7	69.9		92	28	40	18	41	6	0	0	0	.71	-1.91	.37	1	.0	0		3	0	0	
WEST LIBERTY	84.4	53.6	69.0		93	10	35	19	43	10	0	0	0	3.33		2.09	10	.0	0		3	2	1	
AM																								
WILLIAMSBURG 2	85.6	57.7	71.7	1.6	93	6	45	19	3	9	0	0	0	1.90	-.64	1.29	11	.0	0		3	1	1	
AM																								
DIVISION			70.2	.8										2.04	-.60			.0						

†DATA RECEIVED TOO LATE TO BE  
INCLUDED IN DIVISION AVERAGES

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	18	8.7	30	SSW	27	73	85	47	53	4	0	3	0	1	0	8	-	5.7
LEXINGTON W8 AIRPORT	S	16	9.3	-	-	-	79	87	49	58	3	2	1	0	0	0	6	-	4.9
LOUISVILLE W8 AIRPORT	S	15	9.3	29	SE	26	79	85	49	56	1	2	3	0	0	0	6	74	4.9

See Reference Notes Following Station Index



О Р Т Н О В  
П Р И М Е Р Н Ы Е

See Reference Notes Following Station Index



# DAILY PRECIPITATION

CONTINUED

KENTUCKY  
SEPTEMBER 1959

Stotion	Total	Doy of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEIDA	1.98	.21	.05	T							1.03	.38																					
ONEONTA OAM 35	.65		.37								.16																						
OWENSBORO 2 W	2.04		.92	.02					T		.12																						
OWENSBORO DAM 46	1.08	.02	.98								.12																.90	.28	T	.18	.02		
PADUCAH FAA AIRPORT	5.24	.05	1.29								1.08	T														.06	1.49	T	.14	1.13			
PADUCAH	4.61	.10	.08	.25							1.98																1.32						
PAINTSVILLE	.97		.22																														
PIKEVILLE	1.89	T			.03						.29																						
PINEVILLE	2.57		.03				.61	.15			.86	.52																					
PRINCETON	2.66		.22	.08						.67																							
RAVENNA LOCK 12	.41										.21	.08															1.36						
RICHMOND	.23		.19						T																								
ROCHESTER LOCK 3	2.11	1.16	.07	.59							.20	T																	T			.12	
RUSSELLVILLE	2.72	.28	.05	1.24					T	.32	.28																	.02		.07	T		.04
RUSSELLVILLE SUBSTA	2.71	.26	.10	1.18						.57	.14																				.55		.46
SALVISA LOCK 6	.19	T	.19	T				T				T																					
SALVERSVILLE 2 SE	1.17	.13									.02	.57																		T			
SCOTTSVILLE	1.87	1.01	.45	.25						.04	.12																						.45
SCOTTSVILLE 2 SW	-	-	-																														
SEBREE	1.98	.38	.68								.37																						
SHAWNEE STEAM PLANT	6.27		.10	1.07							.38	1.60																					
SHELBYVILLE 2 W	.77	.05	.45								.18	.01																1.30	.82		1.00		
SHEPHERDSVILLE	.78	.11	.62							.05																			.05		.03		
SOMERSET 1 N	1.00	.79	.09	.02							.10																						
SPRINGFIELD	1.29		1.00								.29																						
STEARNS	2.66	.07	.20	T		T					2.20	.19																					
SUMMER SHADE	3.29	.83	1.16				T			.10	.11																						T
SUMMER SHADE SUBSTA	3.02	.73	.33	.54						.09	.05																			.12		.97	
TAYLORSVILLE	1.07	.05	.80																											.17	T	1.11	
TURKEY CREEK SCHOOL	4.63	.35	.43	.65					.02		1.19	.18																			.04		
TYRONE LOCK 5	.40		.36																									.81	.06	.60	.52		
UNIONTOWN DAM 49	3.51	.02	.24								.04																				T		
VALLEY VIEW LOCK 9	.33		.12								1.43																.02	.55	.90	T	.34	.01	
VANBUREN		RECORD MISSING									.01																			T			.20
VANCEBURG DAM 32	.71	.37	.07								.10																						
WARSAW MARLEANO DAM	.68		.07				.03					.16																					
WAYNESBURG 7 NE	.13	.04	.09	T																									.23	.19			
WEST LIBERTY	3.33		.03								2.09	.44																					
WILLIAMSBURG 2	1.90		.18	.03			.02	.08			.06	1.29																					.77
WILLIAMSTOWN 5 WSW	.30		.30	T							T	T																					.24
WILLOW LOCK 13	.49		.13								.05	.04																					
WOLF CREEK DAM	1.66	.26	.51	.25							.59	.05																					.27
WOODBURY LOCK 4	4.83	2.48	.80	.28						.02	1.15																						.10

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

\* And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

# Amount included in following measurement, time distribution unknown.

\* Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

.. Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SB This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents.

Renittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

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Station	Day Of Month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	81 70	81 69	83 60	86 57	90 64	86 65	90 65	89 67	88 67	75 60	71 50	76 51	80 52	81 54	81 49	75 51	68 48	71 49	78 43	82 51	81 55	88 59	87 56	87 56	89 58	85 61	88 67	92 70	85 61	78 60	
ASHLAND DAM 29	MAX MIN	90 67	86 67	87 62	91 64	90 63	93 64	93 68	93 88	94 85	75 60	75 52	75 52	78 52	79 53	84 51	84 54	87 44	87 42	84 51	89 56	87 56	89 56	90 56	91 58	89 62	88 67	94 71	90 66	78 65	78 67	
BARBOURVILLE	MAX MIN	91 67	90 67	85 62	88 64	89 63	90 62	85 62	90 64	90 66	89 56	74 49	75 50	80 50	79 49	79 49	82 50	80 54	80 48	81 42	84 51	85 50	86 50	85 50	88 58	88 56	89 59	92 68	86 69	91 70	85 65	
BARDSTOWN S J PREP SCH	MAX MIN	88 69	87 70	86 64	90 59	92 59	92 64	92 67	91 69	83 73	76 69	75 50	79 48	82 49	84 49	84 49	80 51	74 45	75 52	82 41	83 51	85 54	88 58	88 56	89 59	89 56	86 68	90 69	91 70	88 65	78 62	
BAXTER	MAX MIN	90 68	88 68	86 66	87 66	86 64	89 65	88 66	81 66	84 66	70 56	77 51	75 50	78 54	80 53	79 50	77 51	82 52	82 51	78 42	80 45	84 50	85 50	84 53	85 53	84 55	86 55	87 56	89 58	87 59	87 60	
BEAVER DAM	MAX MIN	86 69	86 68	84 64	87 60	89 65	88 65	90 67	89 68	85 68	74 64	73 50	76 51	80 53	81 52	81 51	78 52	73 47	74 50	80 47	82 58	84 57	87 60	88 58	88 60	89 62	86 69	87 71	89 70	84 64	78 60	
BENHAM	MAX MIN	90 64	88 65	85 62	88 62	90 60	90 62	92 63	90 64	88 67	75 62	73 59	73 48	73 47	78 48	79 50																
BENTON 2	MAX MIN	85 69	87 64	84 58	88 63	84 62	89 64		92 61	89 66		73 65		77 53	49 51	49 51	49 51	49 51														
BEREA COLLEGE	MAX MIN	90 69	90 67	87 65	89 63	91 64	90 66	89 66	90 67	90 68	89 75	75 48	75 46	82 47	81 49	84 49	84 49	76 45	73 49	82 41	84 57	85 52	89 59	89 57	89 58	90 57	85 65	90 68	89 66	91 65	85 64	
BLAINE	MAX MIN	94 63	91 66	89 61	91 55	90 58	91 58	89 58	92 61	93 59	77 60	74 45	78 41	81 52	82 44	83 46	80 47	74 46	73 47	80 32	82 45	83 47	89 44	87 45	90 51	90 47	89 50	90 56	93 58	89 55	74 63	
BONNIEVILLE	MAX MIN	86 69	87 70	85 64	89 59	90 64	89 64	91 65	88 67	84 68	74 65	73 52	74 50	80 48	82 50	84 47	79 50	75 47	74 50	82 42	82 42	84 57	85 55	87 57	88 53	86 56	86 54	88 61	90 71	86 60	80 61	
BOWLING GREEN FAA AP	MAX MIN	89 68	89 66	85 66	89 63	88 67	89 67	91 70	90 69	80 58	73 54	73 51	73 50	80 54	79 56	81 50	82 52	75 48	75 54	84 50	82 59	85 55	86 56	86 56	90 60	89 57	85 68	90 73	86 68	78 67	81 61	
CAMPBELLSVILLE	MAX MIN	88 69	87 68	86 65	90 60	92 66	91 66	92 66	91 67	85 68	73 68	75 50	76 49	81 53	83 52	84 50	81 52	76 46	76 49	81 47	83 58	85 56	87 58	88 58	89 58	89 58	89 58	85 60	90 70	90 68	84 66	
CARROLLTON LOCK 1	MAX MIN	86 70	82 70	82 61	86 56	89 59	88 63	90 66	91 68	91 68	78 68	71 50	76 51	80 52	80 49	82 49	80 53	66 44	70 48	77 41	83 51	85 57	88 61	88 59	89 56	89 58	89 62	86 66	90 71	89 66	75 64	
CLERMONT 1 SSE	MAX MIN	92 69	88 69	90 62	93 57	94 62	94 64	95 66	94 68	90 68	78 67	78 50	79 50	83 48	87 49	87 49	83 50	77 44	76 44	85 40	85 55	86 58	90 61	90 57	92 58	92 57	88 64	91 69	93 72	89 63	82 60	
COVINGTON WB AIRPRT	MAX MIN	82 70	81 68	83 61	91 58	91 61	91 65	93 69	92 70	92 75	73 57	75 50	75 51	79 53	81 51	82 50	64 48	63 43	69 44	76 48	85 59	84 59	88 62	89 62	90 62	91 62	82 69	87 64	90 69	81 68	72 62	
CYNTHIANA 2	MAX MIN	89 68	89 69	83 64	86 56	90 60	93 61	91 63	93 64	94 65	92 68	76 50	72 49	80 42	81 45	83 46	85 52	77 43	68 48	72 46	81 50	85 46	86 50	89 48	90 52	90 52	92 55	89 56	91 66	94 66	90 62	
DANVILLE	MAX MIN	89 65	88 69	86 67	86 61	87 61	92 65	88 67	90 67	91 67	90 69	73 50	74 50	75 50	81 52	83 51	85 50	75 45	75 45	75 42	83 43	84 58	87 59	88 58	89 59	90 58	92 58	91 58	93 65	89 65	82 64	
DEWEY DAM	MAX MIN	89 66	91 66	86 68	91 61	90 61	92 62	90 65	89 65	91 65	94 65	76 51	73 46	77 46	79 48	81 48	82 52	76 48	70 38	72 48	82 55	88 50	84 52	86 53	86 53	91 53	91 55	90 55	89 57	92 57	78 50	
DIX DAM	MAX MIN	88 71	85 70	84 67	88 60	89 65	89 67	91 68	89 68	90 69	85 68	72 51	75 50	80 52	80 52	83 52	83 54	75 46	72 52	81 45	83 50	84 56	88 60	88 59	89 59	89 59	86 59	89 71	91 67	85 67	76 66	
ELIZABETHTOWN	MAX MIN	89 68	86 70	86 68	88 69	90 67	90 66	90 67	89 68	85 68	80 68	74 51	76 52	79 51	82 55	82 54																
FALMOUTH	MAX MIN	87 68	84 69	83 63	89 56	91 60	91 61	94 64	93 66	93 66	81 68	74 63	78 49	80 45	83 45	85 47	72 45	69 44	72 38	80 48	85 53	86 54	90 49	90 53	91 52	86 56	90 57	86 65	94 65	87 65	77 64	
FARMERS	MAX MIN	88 66	87 66	86 65	89 56	89 60	91 62	91 62	91 64	91 66	90 65	72 47	75 44	79 46	80 46	83 45	81 49	73 44	72 50	80 48	83 48	84 49	88 49	88 49	89 51	89 53	87 55	89 63	91 58	89 60	83 66	
FLEMINGSBURG 2	MAX MIN	85 68	82 69	83 65	87 56	88 62	90 66	91 66	92 66	92 65	76 63	70 49	75 48	79 49	82 52	82 44	75 44	68 44	70 53	79 44	85 53	85 53	87 55	88 55	87 56	90 56	89 60	91 68	94 63	90 64	72 64	
FORDS FERRY DAM 50	MAX MIN	84 70	85 65	84 63	88 61	91 62	92 68	92 71	93 69	93 71	72 63	75 55	75 55	79 56	80 56	82 55	73 58	72 49	74 53	80 53	84 53	86 56	89 61	88 65	88 63	86 66	87 69	87 78	90 87	78 74	77 57	
FRANKFORT LOCK 4	MAX MIN	91 65	87 70	84 65	85 58	90 59	90 62	89 64	91 68	91 68	90 68	76 51	74 50	78 48	82 49	81 49	85 49	78 45	68 45	73 41	80 43	84 53	88 55	88 55	89 55	89 55	86 58	90 61	90 65	88 67	85 65	
GLASGOW WKAY	MAX MIN	85 67	86 67	84 64	88 62	89 64	90 65	90 66	86 69	80 69	75 65	73 51	73 50	79 52	80 53	79 47	81 50	73 47	73 51	80 46	80 51	82 56	85 53	88 58	88 58	85 54	85 64	86 69	88 68	88 65	78 62	
GOLDEN POND 8 N	MAX MIN	87 67	78 65	89 60	91 61	91 62	93 63	91 66	93 66	90 66	72 49	73 50	76 51	79 53	83 50	82 51	82 49	76 47	75 51	85 49	84 57	86 55	88 54	89 50	89 58	86 57	88 66	87 67	88 66	84 64	78 54	
GRAYSON 1 SE	MAX MIN	89 66	89 68	85 63	88 55	90 56	91 61	91 63	95 63	93 63	94 65	72 51	70 48	75 45	79 47	80 45	85 47	76 43	68 36	77 41	84 51	88 50	89 52	88 52	89 52	91 53	90 54	94 58	90 60	93 63	91 63	
GREENSBURG	MAX MIN	88 66	88 66	88 66	87 60	90 65	92 64	90 66	92 67	90 67	83 68	83 53	75 50	81 50	84 49	85 49	84 50	74 47	74 50	80 43	83 51	84 54	88 55	88 55	89 57	90 55	86 59	86 68	89 65	92 64		
GREENVILLE 2 W	MAX MIN	85 68	86 62	83 61	87 62	88 65	88 65	89 67	89 69	85 67	72 64	73 57	75 52	80 52	81 53	81 52	77 54	73 47	73 50	81 48	81 61	84 60	85 60	86 59	88 60	88 57	86 66	87 70	91 71	85 65	78 58	
HEIDELBERG LOCK 14	MAX MIN	89 68	87 68	86 65	88 60	89 65	89 69	88 68	85 65	80 65	88 72	76 52	73 46	78 47	80 47	81 49	78 46	76 50	72 44	78 38	80 54	83 51	85 49	85 50	86 52	87 53	86 55	90 60	91 57	90 65	85 66	
HENDERSON 7 SSW	MAX MIN	84 70	86 66	85 58	89 60	91 65	90 66	91 68	90 66	93 66	73 63	73 50	77 52	81 53	83 51	84 52	74 53	72 46	75 49	80 48	83 62	85 62	87 62	88 62	87 62	85 62	86 65	87 67	90 70	78 64	78 64	
HICKMAN I E	MAX MIN	93 70	84 67	81 61	86 67	90 64	91 66	91 65	92 68	93 68	78 65	77 50	77 51	80 55	82 52	86 52	85 52	86 49	83 53	82 52	88 60	89 60	89 61	89 61	91 61	89 61	87 61	92 62	90 65	82 54		
HINDMAN SETTLEMENT SCH	MAX MIN																															
HOPKINSVILLE	MAX MIN	90 69	89 67	90 62	85 63	90 65	90 64	88 67	92 69	91 67	91 66	71 50	74 50	78 53	80 56	83 53	83 53	84 47	78 53	76 52	85 56	83 55	88 57	89 57	89 61	89 58	88 66	92 68	84 64			



# DAILY TEMPERATURES

KENTUCKY  
SEPTEMBER 1959

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEITCHFIELD	MAX	85	86	85	89	89	88	90	88	83	73	74	77	79	81	81	77	73	73	79	81	85	87	88	89	85	83	88	90	86	78	83.0	
	MIN	70	70	65	61	67	67	69	71	69	65	50	51	53	54	55	55	47	50	48	55	58	60	58	62	62	69	72	70	66	62	61.0	
LEXINGTON WB AIRPORT	MAX	87	84	84	85	88	88	90	90	89	76	71	75	79	80	83	78	68	70	78	81	83	88	86	88	88	86	89	89	86	75	82.7	
	MIN	70	70	65	61	66	68	70	69	69	55	50	48	50	53	55	49	44	50	48	62	59	61	61	63	63	66	68	68	68	61	60.3	
LONDON FAA AIRPORT	MAX	89	85	83	86	89	87	85	88	90	76	71	71	76	78	78	84	71	72	79	80	82	84	86	86	87	85	85	89	86	78	82.2	
	MIN	69	68	65	63	65	64	65	64	65	63	54	51	53	53	48	49	49	49	43	52	49	50	52	54	55	61	67	63	61	64	57.6	
LOUISVILLE	MAX	90	88	87	90	94	92	94	95	93	80	76	79	83	85	85	82	69	74	83	85	86	89	90	89	90	86	90	90	82	78	85.8	
	MIN	74	69	66	62	67	69	70	72	71	68	51	52	53	53	56	55	47	52	49	58	59	63	61	64	62	61	70	72	70	64	62.1	
LOUISVILLE WB AP	MAX	89	88	88	91	94	93	95	94	93	77	75	78	81	84	86	75	70	73	81	85	86	90	90	89	90	87	91	93	84	78	85.6	
	MIN	71	70	66	63	67	68	70	72	70	58	52	53	54	56	53	50	47	52	49	60	61	63	61	62	63	67	69	73	68	64	61.7	
LOVELACEVILLE	MAX	82	76	86	88	90	91	92	93	90	73	73	76	79	80	80	78	77	75	84	83	86	88	89	88	85	78	87	88	81	79	83.2	
	MIN	70	65	59	62	64	66	66	68	69	64	51	54	54	52	50	54	49	53	53	63	61	60	59	60	61	66	69	64	65	55	60.2	
MAOISONVILLE 1 SE	MAX	85	87	84	86	90	89	91	90	87	72	73	75	78	80	81	78	73	73	81	82	84	86	87	87	84	80	85	86	84	78	82.5	
	MIN	69	67	59	60	63	65	66	69	66	62	48	50	52	52	52	52	47	49	48	59	59	62	60	60	60	66	70	69	65	56	59.4	
MAMMOTH CAVE PARK	MAX	84	86	84	86	87	89	90	87	85	80	75	75	81	83	82	82	82	76	82	82	84	86	88	89	88	85	89	91	89	86	84.4	
	MIN	63	69	59	52	54	58	60	62	61	62	45	42	43	45	42	45	40	44	39	52	52	56	51	54	50	62	66	63	60	58	53.6	
MANCHESTER 4 SE	MAX	89	87	88	89	90	90	87	92	92	81	74	75	78	80	82	82	73	74	80	82	83	86	87	89	90	87	90	89	88	83	84.6	
	MIN	67	69	67	65	64	64	63	64	65	67	56	47	51	51	55	50	49	47	41	53	52	46	48	52	53	61	66	60	58	66	57.2	
MAYFIELD	MAX	84	91	86	90	90	89	90	92	90	74	75	76	81	85	83	84	76	77	85	83	85	88	92	87	86	80	86	87	80	79	84.4	
	MIN	70	65	61	66	66	67	68	70	70	65	50	52	54	52	53	53	49	53	54	62	61	66	61	62	61	66	66	66	64	55	60.9	
MAYSVILLE OAM 33	MAX	89	85	81	84	89	88	89	89	90	91	73	71	75	78	80	82	72	66	69	77	83	86	88	88	88	89	88	88	92	87	83.2	
	MIN	65	69	64	56	59	62	61	65	65	65	48	46	46	45	48	48	44	41	40	43	51	49	54	49	51	56	57	63	63	64	54.6	
MIDDLESBORO	MAX	88	88	89	88	90	90	81	87	89	81	75	82	81	78	77	83	80	78	81	81	82	85	85	88	88	86	85	90	88	82	84.2	
	MIN	68	68	58	64	61	62	63	64	65	66	58	49	53	51	50	50	55	51	42	49	52	47	51	53	53	52	59	56	56	65	56.4	
MONTICELLO	MAX	88	86	84	86	90	88	86	89	87	80	76	77	82	80	81	85	77	77	83	82	84	85	89	88	87	84	85	90	90	83	84.3	
	MIN	69	69	64	64	65	65	67	66	68	68	55	51	50	51	45	48	53	49	45	56	52	54	56	57	54	64	70	66	64	67	59.1	
MOUNT STERLING	MAX	88	85	85	88	88	88	88	88	88	86	73	76	80	80	83	83	78	71	80	80	84	88	87	88	88	86	87	90	90	78	83.9	
	MIN	68	67	65	60	64	65	65	66	66	64	48	46	48	50	48	50	42	42	45	55	55	58	58	57	57	60	61	63	64	63	57.3	
MOUNT VERNON	MAX	87	86	88	91	90	88	89	89	88	82	75	73	74	79	80	78	72	72	80	81	82	85	85	86	87	86	86	84	89	81	83.1	
	MIN	66	65	61	65	61	61	62	66	65	66	68	57	50	47	48	48	46	49	41	58	52	55	53	53	55	62	66	65	62	63	57.9	
MURRAY	MAX	83	89	84	89	90	90	90	91	91	72	74	76	79	82	82	83	77	78	87	84	86	89	90	89	87	82	85	87	82	79	84.2	
	MIN	70	66	62	65	66	67	70	71	69	61	52	53	55	55	53	56	49	54	53	61	60	62	63	61	63	67	67	62	59	55	60.9	
OWENSBORO 2 W	MAX	84	87	87	90	93	89	91	92	91	72	75	79	82	85	82	77	74	75	83	83	84	87	89	89	86	77	87	88	80	80	83.9	
	MIN	71	68	62	63	66	67	68	70	70	65	52	53	54	56	51	55	49	52	51	60	58	60	60	59	60	67	70	71	66	58	61.1	
PAOUCAH FAA AIRPORT	MAX	79	85	84	87	90	89	90	92	88	72	72	75	77	81	84	78	75	75	85	83	85	87	87	88	85	78	86	86	76	77	82.5	
	MIN	70	65	60	67	67	68	67	70	69	56	51	54	54	53	55	53	50	54	54	64	64	64	64	64	66	66	66	64	59	60	61.3	
PAOUCAH	MAX	88	89	89	90	90	92	94	94	93	75	75	78	80	83	83	83	78	77	84	84	86	89	89	89	85	82	87	87	85	80	85.3	
	MIN	71	66	60	65	65	67	67	70	69	65	51	53	55	53	53	54	53	53	55	60	60	63	62	61	63	66	66	65	64	55	61.0	
PIKEVILLE	MAX	92	89	90	90	90	90	90	94	94	79	78	79	85	82	81	81	72	77	83	82	85	90	90	89	91	89	89	95	84	71	85.7	
	MIN	70	70	68	66	66	65	65	67	65	63	60	51	54	53	55	56	55	50	43	52	56	55	57	57	56	55	66	60	60	68	59.5	
PRINCETON	MAX	85	88	84	90	90	88	93	93	88	70	75	78	80	83	84	81	77	76	88	83	86	87	90	89	85	76	87	85	81	80	84.0	
	MIN	71	68	59	64	66	65	67	69	67	65	51	53	54	54	52	51	49	53	52	58	55	58	56	56	57	68	68	69	65	57	59.9	
RICHMOND	MAX	86	87	84	84	88	88	88	89	89	89	74	70	73	77	79	81	77	68	70	79	81	83	86	86	87	87	85	88	80	90	82.8	
	MIN	70	68	67	67	66	65	66	66	67	69	49	48	50	52	50	52	46	47	45	50	53	55	56	59	59	60						



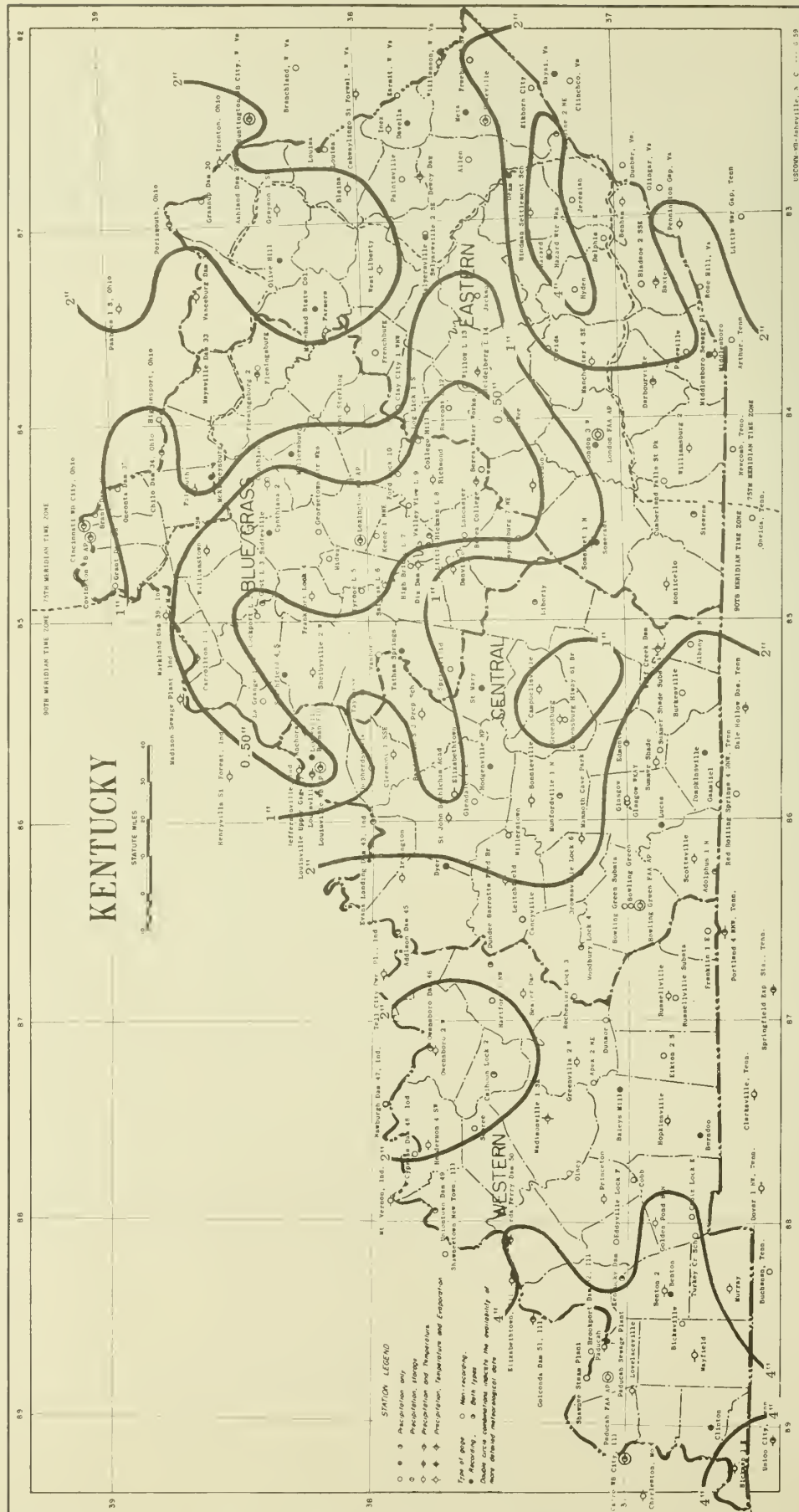
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See Reference Notes Following Station Index

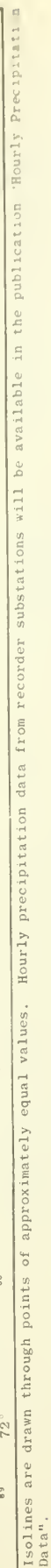


# TOTAL PRECIPITATION

KENTUCKY  
SEPTEMBER 1959





KENTUCKY  
SEPTEMBER 1959



# STATION INDEX

KENTUCKY  
SEPTEMBER 1999

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER			
							TEMP.	PRECIP.	EVAP.	SPECIAL				
AT IRON DAM AS	4251	BRECKINRIDGE	7	37 55	86 34	380					C	CORPS OF ENGINEERS		
ALBANY & N	4252	CLINTON	2	36 45	85 08	1000	7A				C	CORPS OF ENGINEERS		
ALLEN	4253	FLOYD	1	37 35	82 43	658	8A				C	HUBERT BURGER		
ANCHORAGE	4254	JEFFERSON	7	38 48	85 33	700	7P				C	SUE BENNETT COLLEGE		
AREA 2 NE	4255	MULLENBERG	3	37 08	87 19	510	7A				C	FED. AVIATION AGENCY		
ASHLAND AM 29	4256	BOYD	7	38 27	82 36	551	6P				MID	MID	C	CHARLES F. BRANNAN
BARBOVILLE	4257	KNOX	2	36 52	83 53	1000	6P				8A		C	HAROLD C. FERGUSON
BARSTOWN 2	4258	NELSON	8	37 48	85 28	631	6P				6P		C	LOUISVILLE G. & E. CO.
BARTER	4259	HARLAN	2	36 51	83 20	1164	7A				7A		C	CORPS OF ENGINEERS
BEAUFORD DAM	4260	OWEN	3	37 25	86 52	441	6P				MID	MID	C	U.S. WEATHER BUREAU
BENHAM	4261	HARLAN	2	36 58	82 57	1585	8A				6A		C	CORPS OF ENGINEERS
BENTON	4262	MARSHALL	9	36 51	88 20	394	5P				6P		C	BLAINE MALONE
BENTON 2	4263	MARSHALL	9	36 51	88 20	305	5P				7A		C	WILLARD E. FOSTER
BESER (CLIFF)	4264	MADISON	4	37 34	84 18	1070	6P				5P		C	HOMER WELBORN, JR.
BESER WATER WORKS	4265	MADISON	4	37 33	84 15	1010	7A				5P		C	NATIONAL PARK SERVICE
BLAINE	4266	WARREN	1	38 02	82 50	670	6P				6A		C	CORPS OF ENGINEERS
BONNIEVILLE	4267	HART	3	37 23	85 54	702	6P				6A		C	BLAINE MALONE
BOWLING GREEN	4268	WARREN	1	37 00	86 26	534	7A				7A		C	WILLARD E. FOSTER
BOWLING GREEN SUBSTA	4269	WARREN	1	37 01	86 26	470	5A				7A		C	HOMER WELBORN, JR.
BOWLING GREEN FFA	4270	WARREN	1	36 58	86 26	535	MID				5P		C	NATIONAL PARK SERVICE
BRENT DAM 36	4271	CAMPBELL	7	39 03	84 25	497	7A				6A		C	CORPS OF ENGINEERS
BROWN VILLAGE 6	4272	MONSON	3	37 12	86 16	410	7A				6A		C	BLAINE MALONE
BUDGING 2 NE	4273	BOYD	1	37 13	82 35	1043	8A				7A		C	WILLARD E. FOSTER
BURK VILLAGE	4274	BOYD	1	36 47	85 22	600	7A				5P		C	HOMER WELBORN, JR.
CADIZ LK & E	4275	BOYD	1	36 46	87 58	424	7A				5P		C	NATIONAL PARK SERVICE
CALHOUN LK 2	4276	MCLEAN	3	37 32	87 16	402	7A				6A		C	CORPS OF ENGINEERS
CAMPBELLVILLE	4277	TAYLOR	1	37 20	85 21	771	6P				7A		C	BLAINE MALONE
CANEYVILLE	4278	GRAYSON	3	37 25	86 30	600	6P				7A		C	WILLARD E. FOSTER
CARROLLVILLE	4279	CARROLL	4	38 41	85 11	480	6A				5P		C	HOMER WELBORN, JR.
CAY LK 1	4280	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 1	4281	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 2	4282	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 3	4283	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 4	4284	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 5	4285	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 6	4286	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 7	4287	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 8	4288	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 9	4289	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 10	4290	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 11	4291	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 12	4292	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 13	4293	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 14	4294	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 15	4295	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 16	4296	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 17	4297	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 18	4298	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 19	4299	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 20	4300	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 21	4301	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 22	4302	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 23	4303	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 24	4304	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 25	4305	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 26	4306	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 27	4307	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 28	4308	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 29	4309	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 30	4310	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 31	4311	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 32	4312	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 33	4313	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 34	4314	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 35	4315	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 36	4316	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 37	4317	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 38	4318	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 39	4319	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 40	4320	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 41	4321	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 42	4322	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 43	4323	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 44	4324	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 45	4325	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 46	4326	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 47	4327	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 48	4328	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 49	4329	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 50	4330	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 51	4331	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 52	4332	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 53	4333	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 54	4334	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 55	4335	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 56	4336	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 57	4337	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 58	4338	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 59	4339	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 60	4340	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 61	4341	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 62	4342	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 63	4343	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 64	4344	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 65	4345	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 66	4346	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 67	4347	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 68	4348	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 69	4349	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 70	4350	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 71	4351	POWELL	4	37 52	83 56	712	7A				5P		C	CORPS OF ENGINEERS
CLAY LK 72	4352	POWELL	4	37 52	83 56	712	7A				5P		C	BLAINE MALONE
CLAY LK 73	4353	POWELL	4	37 52	83 56	712	7A				5P		C	WILLARD E. FOSTER
CLAY LK 74	4354	POWELL	4	37 52	83 56	712	7A				5P		C	HOMER WELBORN, JR.
CLAY LK 75	4355	POWELL	4	37 52	83 56	712	7A				5P		C	NATIONAL PARK SERVICE
CLAY LK 76	4356	POWELL	4	37 52	83 56	7								

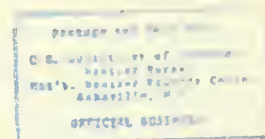


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UNKE  
~~6-10-58~~

U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY



DOCUMENTS DIVISION  
UNIVERSITY OF ILL. LIBRARY  
URBANA, ILL.

15-CD-F

OCTOBER 1959  
Volume LIV No. 10



THE LIBRARY OF THE  
UNIVERSITY OF ILL.  
URBANA, ILL.



KENTUCKY - OCTOBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 94° on the 5+ at 4 stations

Lowest Temperature: 22° on the 19th at Inez

Greatest Total Precipitation: 9.13 inches at Sebree

Least Total Precipitation: 2.20 inches at Jackson

Greatest One-Day Precipitation: 3.95 inches on the 8th at Frankfort  
Lock 4

Greatest Reported Total Snowfall: Trace at 2 stations

Greatest Reported Depth of Snow on Ground: None

SPECIAL WEATHER SUMMARY

The drought conditions existing in much of central and eastern Kentucky at the close of September were alleviated by generous and well distributed rains in all sections of Kentucky during October. The dry weather of September persisted until near the end of the first week in October with general rains developing over the state on the 5th and 6th. Rainfall totals at most Kentucky locations ranged between 1 1/2 and 3 1/2 inches during the October 5th - 12th period, with well distributed additional rainfall during the balance of the month. Average October precipitation in the Central, Blue Grass, and Eastern Divisions exceeded 4 inches, with each of the three divisions receiving approximately two inches above their normal October rainfall. The Western Division, which had been least affected by moisture deficiencies of previous months, recorded average October rainfall of near 1 1/4 inches above their normal expectancy for the period.

The bulk of Kentucky's burley tobacco crop was cured during the persistent dry weather of September and early October, with tobacco stripping becoming very active with the additional moisture that brought tobacco into case in most sections by October 10th. Fall plowings and seedings became active following the rains, with early seedings up to good stands by the close of the month. Pastures revived in all areas, and only local areas in eastern counties reported any stock water shortages by the last week in October. The first heavy frost of the Fall season occurred in all but eastern areas on October 28th with resultant defoliation speeding up the harvest of soybeans by the close of the month.

O. K. Anderson  
State Climatologist  
U. S. Weather Bureau  
Louisville, Kentucky



## CLIMATOLOGICAL DATA

KENTUCKY  
OCTOBER 1959

Temperature															Precipitation															Relative Humidity															Wind																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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BEAVER DAM		71.2	47.5	59.4								90	4+	28	28	229	2	0	3	0	4.05		1.15	13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							



# CLIMATOLOGICAL DATA

KENTUCKY  
OCTOBER 1959

CONTINUED

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
											Max		Min						Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
MOUNT VERNON		72.3	48.5	60.4		89	5	27	28	214	0	0	2	0	3.24		.75	8	.0	0		7	3	0
PIKEVILLE		72.4	51.1	61.8		92	4	35	19	174	2	0	0	0	4.47	2.43			.0	0		12	0	0
SOMERSET 1 N		70.3	46.7	58.5		90	5	28	28	245	1	0	2	0	4.99		1.39	9	.0	0		11	3	1
VANCEBURG DAM 32		70.0	45.8	57.9		91	5+	31	29	255	3	0	3	0	3.88	1.60	1.16	9	.0	0		8	3	1
WEST LIBERTY	AM	69.5	43.5	56.5		89	6	26	29	297	0	0	5	0	3.44		.85	24	.0	0		9	2	0
WILLIAMSBURG 2	AM	74.3M	47.0M	60.7M	1.6	91	6+	30	28	206	2	0	3	0	5.30	3.15	1.35	24	.0	0		9	6	1
DIVISION				58.9	.6										4.18	1.96			T					

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	SSW	14	8.8	29	WNW	11	78	86	58	65	2	2	9	0	1	0	14	-	5.3
LEXINGTON WB AIRPORT	S	14	10.4	-	-	-	82	91	59	68	3	2	5	1	1	0	12	-	5.1
LOUISVILLE WB AIRPORT	SE	10	8.1	29	W	24	84	91	59	63	2	4	5	2	0	0	13	53	5.0

See Reference Notes Following Station Index



# DAILY PRECIPITATION

RENTON  
OCTOBER 1959

Station	Day of month	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45	1.97							1.17	1.19	1.02		1.47		1.10	1.16									1.12	1.01	1.10	1.05		1.01	1.03		
ALBANY 4 N	1.18							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ALLIN	1.68							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ANCHORAGE	1.40							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ARL 2 NE	1.26							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ASHLAND DAM 30	1.23	1.17	T					1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BARRONVILLE	1.44							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BARDSTOWN 5 J PRIP SCH	1.40							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BAXTER	1.20	1.10						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BEAVER DAM	1.05							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BENHAM	1.27	1.11	T					1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BENTON 2	1.14							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BERIA COLLEGE	1.14							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BERIA WATER WORKS	1.13	T						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BLAINE	1.03	1.04						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BONNIEVILLE	1.67							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BOWLING GREEN	1.14							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BOWLING GREEN SURSTA	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BOWLING GREEN FAA AP	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BRENT DAM 46	1.13	T						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BROWNSVILLE LOCK 6	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BURNING 2 NE	1.13	1.10						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
BURNSVILLE	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CALOZ LOCK 1	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CALHOUN LOCK 2	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CAMPBELLVILLE	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CANEYVILLE	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CARROLLTON LOCK 1	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CLAY CITY 1 WNW	1.13	1.11						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CLERMONT 1 SSE	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
COBB	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
COLLEGE MILL LOCK 11	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
COVINGTON WR AIRPORT	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CUMBERLAND FALLS ST PL	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CYNTHIANA	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
CYNTHIANA 2	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
DANVILLE	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
DELPHIA 1 E	1.13	1.10						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
DEWEY DAM	1.13	1.10						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
DIX DAM	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
DOUGLASS BARRETTIS FORD BR	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
DOUGLASS	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
EDDYVILLE LOCK F	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
EDMONTON	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ELIZABETHTOWN	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ELKHORN CITY	1.13	1.10						1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
ELKTON 2 S	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
FALMOUTH	1.13							1.16	1.27		1.10		1.10		1.10	1.16								1.12	1.01	1.10	1.05		1.01	1.03		
FARMERS	1.13	1.11																														



# DAILY PRECIPITATION

KENTUCKY  
OCTOBER 1959

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ONEONTA DAM 35	4.16				.04	.65	.45	.60	1.26		.17		.02	.17										T	.22	.21	.01	.11				.25	+		
OWENSBORO 2 W	4.06					1.00		.55	.15		.30		.64	.50									T	.35	.15		.39				.03				
OWENSBORO DAM 46	4.57					1.25		.09	.90		.35		.28	.75									T	.39	.19	T	.29	.09			T	.03	+		
PAQUAM FAA AIRPORT	4.39			.04		.37		T		1.10		.09	2.17										T	.48	T	.09	T			.01	T				
PAQUAM	4.30				.35	.39						.95	2.00										T	.12	.39		.10								
PAINTSVILLE	4.55	1.22	T				.55	.18			T	.36		.52	.10									T	.54	.14	.23	.42	.03	T	.04	T	.04	+	
PIKEVILLE	4.47	.08			.05		.38	.22	.16		.68		.41	.54									T	.75	.15	.42					.06	T	.04	+	
PINEVILLE	5.02	.35					.86	T	.69		.04	.09	.08	.85	.15									T	1.08	.65	.12	.75	.06		T	.06	T		
PRINCETON	2.38				.13			.27		.51		.61												.22	.47	.17									
RAVENNA LOCK 12	2.87	.31					.11	.14		.60		.07	.36												.48	.42		.38							
RICHMOND	3.41					T	.20	.17	.04		1.07		.25	.34										.02	.45	.47	.02	.34					.06	+	
ROCHESTER LOCK 3	3.78				.34		.02	.20	.77		.44		.87	.72										.02	.28			.12							
RUSSELLVILLE	3.83				.64		.01	1.33	.23		.35		.64												.31			.32							
RUSSELLVILLE SUBSTA	3.34				.72			1.63					.36											T	.34						.25	.01	T	.06	+
SALVISA LOCK 6	4.83						.46	1.70	.34		.55		.23	.48										.01	.36	.42	.24								
SALVERSVILLE 2 SE	4.91	1.24					.41	.39			.37		.16	.56	.12									1.11	.26		.12			.04	.12				
SCOTTSVILLE	4.91					1.05		2.14			.18		.23	.12										.07	.82	.03	.04			.19	.04				
SCOTTSVILLE 2 SW	3.96					.45	.25	1.37	.52		.10		.10	.23										T	.77		.02								
SERREE	9.13	.40			.88	.46		1.65		.77	1.58		.80												.65						.30				
SHAWNEE STEAM PLANT	3.83				.31					.97			1.10	.90												.48		.90	.07	.74					
SHELBYVILLE 2 W	4.67				.02	.27	.73	1.00	.76		.29		.19	.43											.02	.21	.31	.35					.09	+	
SHEPHERDSVILLE	5.86				.42		.78	.94	.78		.29		.35	.40										.50	.80								.09	+	
SOMERSET 1 N	4.99				.34		T	.69	1.39	.02	.03		.45	.24										.24	.91	.23	.14	.12	.04	.12	.02			.02	+
SPRINGFIELD	5.12						T	3.26	.06		.08		.36	.27											.50	.12	.13	.27							
STEARNS	5.44						.46	1.20		.09			.06	1.20											1.24	.65	.40				.14				
SUMMER SHADE	3.70					.24		1.71			.14		.30											T	.89			.32			.05	.02	.03	+	
SUMMER SHADE SUBSTA	3.63					.02	.22	.69	1.37				.17	.22	T									T	.72	.25	.01	T	.10	.04		.04	.02		
TAYLORSVILLE	4.93					.20	.80	1.00	.72		.35		.18	.54											.50	.19						.05			
TURKEY CREEK SCHOOL	4.77					1.80		.78	.45		.38		.83											.02	.47	.02	.45					.02			
TYRONE LOCK 5	6.24						.24	3.10	.28		.36		.15	.60										.11	.73	.23	.03	.35	.02	T		.04			
UNIONTOWN DAM 49	2.96					.57				.20		.95	.52											T	.50		.17	T			T				
VALLEY VIEW LOCK 9	3.73						.28	1.25	.06		.45		.27	.40										.01	.44	.30	T	.23	T			.04			
VANCEBURG DAM 32	3.88					.07	.50	.14	1.16		.16																								
VANBUREN	RECORD MISSING																																		
WARSAW MARKLAND DAM	3.38				.04	.07	.70	.29	.34	.93		.32		.25											.05	.16	.14	T	.07				.02		
WAYNESBURG 7 NE	3.45						.41	.24	.42		.30	T	.55	.35	.04											.55	.24	T	.22	.02		.08	.03	.02	+
WEST LIBERTY	3.44	.59				.10		.03	.12		.40		.13	.41												.85	.35	.41				.03	.02		
WILLIAMSBURG 2	5.20	.15					.53	.02	.60		.06	.04	.07	.85	.07										1.35	.57	.13	.68	.12		.06				
WILLIAMSTOWN 5 WSW	4.79					.05	.79	.75	1.80		.35		.27												T	.32	.22	.02	.17				.05	+	
WILLOW LOCK 13	3.47	.31					.19	.02	.35		.50		.18	.34	.04											.96	.25	.31							
WOLF CREEK DAM	5.63						.30	.07	1.75		.10		1.05	.56	.02											.87	.42	.02	T	.08		.33	.06	+	
WOODBURY LOCK 4	4.07					.45	.10	1.12	.28		.37		.57	.47											.06	.46	.07	.06	.04			.02			

## REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as I2 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by oo entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + Add also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above and-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry is time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

KENTUCKY  
JULY 1953

Station		Day Of Month																															Precipitation inches
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	80 50	85 51	90 57	91 62	89 64	74 66	77 59	72 60	69 46	81 41	71 53	63 34	53 45	53 40	64 33	72 38	69 41	62 31	69 33	75 43	77 46	66 43	64 43	46 39	50 38	51 38	57 34	68 31	69 29	63 29	69.2	
ASHLAND DAM 29	MAX MIN	78 62	78 57	89 57	89 62	90 64	88 64	81 60	78 59	79 64	78 52	74 60	66 39	51 41	54 45	64 43	73 40	75 45	62 39	66 33	77 38	74 40	74 47	69 54	63 47	49 42	53 45	58 42	68 37	75 34	58 29	68.8	
BARBOURVILLE	MAX MIN	76 61	85 52	84 51	90 54	90 55	89 59	88 58	80 65	80 60	80 59	67 39	60 46	65 43	74 40	72 45	65 39	71 43	76 40	74 38	74 40	75 49	69 50	55 49	67 49	67 49	67 49	67 49	67 49	67 49	67 49	71.8	
BARDSTOWN S J PREP SCH	MAX MIN	82 51	87 50	90 57	92 64	91 69	85 67	85 57	76 63	74 49	83 45	76 56	72 57	61 47	53 42	65 34	73 36	73 41	70 32	71 31	74 41	76 43	79 43	71 56	64 45	47 38	51 37	52 37	57 32	68 28	69 25	65 25	71.9
BAXTER	MAX MIN	70 62	74 56	82 57	83 57	87 59	87 60	81 61	78 62	73 65	78 60	78 60	75 40	70 40	62 49	52 44	65 40	72 42	72 43	63 37	72 42	72 42	72 42	72 42	72 42	72 42	72 42	72 42	72 42	72 42	72 42	72.0	
BEAVER DAM	MAX MIN	80 53	85 52	90 57	90 64	88 67	79 68	78 64	78 64	73 65	84 60	74 56	64 40	58 40	61 44	66 44	72 40	71 40	61 37	71 40	75 40	76 40	77 40	72 40	65 40	52 39	56 39	54 39	58 34	64 30	61 25	61 25	71.2
BENHAM	MAX MIN	68 60	70 54	81 56	87 57	83 53	87 57	87 59	79 61	73 61	77 56	75 52	75 37	71 40	63 45	61 43	63 38	74 38	71 31	67 33	72 36	75 36	72 40	76 43	67 50	57 39	57 33	57 37	58 33	63 30	72 25	70.5	
BENTON 2	MAX MIN	78 52	86 52	90 60	89 64	85 60	80 52	83 59	72 43	72 43	71 40	68 50	57 40	60 46	62 43	72 33	71 35	62 39	72 31	75 38	75 31	75 38	75 38	75 38	75 38	75 38	75 38	75 38	75 38	75 38	75 38	75.0	
BEREA COLLEGE	MAX MIN	84 60	85 50	90 62	90 65	93 60	85 60	82 57	82 51	78 51	89 50	82 50	75 33	70 41	55 33	73 41	75 43	74 43	63 36	71 43	76 43	81 43	78 44	66 44	60 39	58 36	58 36	60 36	61 36	72 31	74 25	74.2	
BLAINE	MAX MIN	71 58	82 52	88 50	90 53	89 54	86 56	80 53	79 57	77 53	72 49	67 31	61 36	54 41	64 44	74 31	75 43	66 32	70 25	76 38	75 39	78 47	72 47	63 45	50 38	51 34	51 42	58 27	70 24	74 24	71 24	71.6	
BONNIEVILLE	MAX MIN	81 51	87 50	89 55	90 61	90 68	80 64	77 56	75 63	72 49	83 45	74 57	64 38	59 50	53 45	66 33	73 36	74 41	78 34	77 32	75 39	75 40	75 40	75 40	75 40	75 40	75 40	75 40	75 40	75 40	75 40	75.0	
BOWLING GREEN FAA AP	MAX MIN	82 53	86 54	88 58	92 62	87 69	74 61	77 58	73 65	75 50	88 48	74 48	61 43	61 50	60 41	69 37	73 39	75 45	64 36	71 34	77 43	76 43	78 43	75 47	66 47	56 47	48 38	71 32	56 28	61 37	65 34	63 29	70.8
CAMPRELLSVILLE	MAX MIN	84 53	88 55	89 62	91 66	91 68	81 64	79 59	77 64	73 64	84 50	81 58	71 50	58 45	54 38	67 33	72 40	75 46	64 36	72 34	74 45	78 44	78 47	75 47	62 47	60 38	55 30	61 34	64 30	69 26	63 26	72.2	
CARROLLTON LOCK 1	MAX MIN	79 53	83 50	89 59	90 65	90 69	80 66	75 62	75 60	72 49	80 41	77 55	66 36	63 43	54 35	62 37	72 37	71 43	59 35	68 32	73 38	73 38	75 42	72 45	66 39	46 39	53 40	50 43	53 31	67 28	70 24	69 24	70.0
CLERMONT 1 SSE	MAX MIN	82 51	86 50	91 57	91 64	94 66	91 66	78 61	83 61	75 47	83 42	84 56	74 35	69 47	53 34	67 31	76 42	76 42	72 31	76 40	78 41	80 43	82 43	67 46	48 39	50 37	52 40	58 37	67 31	70 28	68 25	68 25	73.8
COVINGTON WB AIRPORT	MAX MIN	76 53	82 56	88 62	88 66	88 69	74 62	76 61	71 61	68 47	78 45	70 45	61 36	50 43	52 43	63 37	72 42	63 40	60 29	68 36	74 45	70 44	76 48	65 48	54 40	42 37	50 46	52 46	66 31	70 28	63 25	67.0	
CYNTHIANA 2	MAX MIN	74 53	82 49	82 53	93 58	94 63	92 62	79 55	81 54	76 57	72 42	83 49	72 35	65 41	51 36	53 34	64 34	74 40	72 31	62 30	70 35	75 38	76 41	78 45	67 39	55 39	45 38	50 38	48 26	56 27	75 23	70.5	
DANVILLE	MAX MIN	76 56	85 54	88 54	90 60	90 65	90 65	75 57	81 58	76 54	75 50	83 54	75 39	66 44	56 37	65 37	72 40	74 35	65 35	72 44	74 35	75 44	78 47	66 47	63 47	38 38	38 38	38 38	29 29	29 29	36 26	74.0	
DEWEY DAM	MAX MIN	70 63	70 57	87 57	89 57	89 59	89 58	85 58	82 58	77 63	82 59	77 63	73 46	68 36	58 45	55 45	65 45	74 44	75 44	69 33	69 35	76 37	73 45	77 51	68 51	62 43	45 38	50 39	60 34	70 34	74 32	71.5	
DIX DAM	MAX MIN	82 59	83 55	90 61	91 66	90 66	88 65	80 59	78 63	75 56	82 53	75 56	65 40	65 48	55 45	64 38	73 40	74 46	72 36	69 35	75 46	74 46	78 46	66 46	63 46	47 38	51 42	51 42	56 37	64 33	70 29	71.5	
ELIZABETHTOWN	MAX MIN	80 51	86 53	87 56	90 58	89 69	82 69	80 62	77 67	71 53	82 42	82 42	65 37	63 45	55 44	65 33	73 37	74 42	72 34	70 33	74 37	76 42	76 42	65 39	65 42	49 38	53 44	53 44	57 30	67 34	64 28	71.5	
FALMOUTH	MAX MIN	80 53	82 52	93 58	93 63	94 63	79 62	80 55	74 54	72 54	82 50	76 54	65 35	64 42	53 35	65 35	75 40	71 35	63 33	70 31	76 34	77 39	78 40	66 48	63 48	39 40	37 44	44 44	48 28	50 28	50 28	58 28	71.5
FARMERS	MAX MIN	72 62	77 52	89 51	90 55	90 62	87 64	81 56	81 60	76 55	82 53	77 60	69 33	64 39	52 44	65 38	74 38	75 43	64 35	69 38	76 43	75 43	78 43	74 43	65 43	48 38	41 38	51 45	57 28	71 27	75 27	71.8	
FLEMINGSBURG 2	MAX MIN	74 61	78 51	87 57	92 63	92 62	83 61	80 55	77 57	74 57	82 43	82 53	65 35	51 40	50 39	62 39	73 34	72 44	61 31	67 30	74 38	73 42	77 50	63 56	61 50	50 38	52 40	48 41	54 31	68 28	73 25	67 25	69.4
FORDS FERRY DAM 50	MAX MIN	76 55	86 57	89 65	89 66	85 67	78 67	78 68	82 71	72 68	85 48	75 52	60 44	56 48	59 44	59 44	75 48	64 40	60 37	69 37	72 44	75 49	78 49	66 50	63 49	47 44	44 41	44 41	34 38	55 35	50 25	50.0	
FRANKFORT LOCK 4	MAX MIN	80 52	80 52	84 52	90 55	92 62	91 64	74 60	77 55	70 55	82 46	73 48	64 38	52 38	53 38	64 38	74 38	74 39	63 34	68 35	75 39	74 43	77 43	64 43	53 40	40 39	40 39	50 37	55 37	67 33	71 32	69.9	
GLASGOW WKAY	MAX MIN	80 54	85 54	88 58	94 63	89 68	78 65	77 56	74 65	70 50	84 48	72 56	62 41	60 45	55 43	63 38	72 38	74 45	62 36	71 33	74 42	75 43	75 47	67 47	61 45	51 39	65 39	57 37	57 29	61 37	67 33	70.4	
GOLDEN POND 8 N	MAX MIN	80 52	87 51	89 55	90 60	89 64	80 65	80 63	73 53	77 43	86 43	83 53	7																				



Continued

## DAILY TEMPERATURES

KENTUCKY  
OCTOBER 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEITCHFIELD	MAX MIN	79 55	80 55	89 61	91 66	88 69	76 68	78 61	74 64	69 46	85 50	73 56	63 41	56 50	56 45	64 36	77 42	73 47	63 37	70 37	74 48	76 48	75 49	69 61	62 42	47 39	60 38	53 43	56 33	64 37	67 57	66 58	70.1 49.6
LEXINGTON WB AIRPORT	MAX MIN	81 57	83 56	88 62	91 67	89 69	76 61	79 58	76 62	71 51	80 51	72 48	64 41	54 46	49 44	63 39	72 43	71 44	60 35	68 39	72 48	73 47	75 52	64 54	54 43	43 39	50 39	47 35	53 32	66 37	70 54	62 59	68.3 48.8
LONDON FAA AIRPORT	MAX MIN	78 57	82 53	86 59	88 60	88 61	80 60	81 55	78 65	74 59	79 58	72 43	66 38	61 49	50 44	62 40	69 36	70 41	61 35	67 31	73 37	71 39	76 48	61 48	53 51	42 38	62 37	47 36	58 30	62 34	68 52	61 56	68.6 46.5
LOUISVILLE	MAX MIN	82 54	88 57	91 60	92 66	92 70	80 67	79 60	76 62	71 45	84 47	79 55	67 41	59 47	55 41	66 37	75 41	69 46	64 34	71 39	76 43	76 42	82 48	69 55	65 44	46 40	52 41	53 41	57 31	69 36	68 54	67 59	71.6 47.8
LOUISVILLE WB AR	MAX MIN	80 55	87 56	91 61	92 66	92 70	76 63	79 60	75 62	69 46	83 46	73 49	66 39	55 47	54 41	67 34	75 39	69 44	62 34	72 35	76 43	76 42	79 44	69 55	56 44	46 40	52 41	51 41	57 31	67 36	68 54	64 59	70.3 47.8
LOVELACEVILLE	MAX MIN	78 54	87 55	88 65	88 65	80 69	79 65	81 54	83 61	75 40	87 45	80 51	60 43	56 50	61 43	70 35	77 38	70 42	64 34	74 32	77 36	77 48	79 48	74 62	62 48	59 43	58 42	55 38	58 28	60 35	64 55	73 58	72.1 47.8
MAOISONVILLE 1 SE	MAX MIN	78 52	85 51	89 63	88 63	87 68	78 68	79 56	83 62	78 42	85 44	78 54	63 40	57 49	60 41	65 35	75 37	68 44	62 33	72 32	75 42	77 44	74 49	72 55	69 44	55 41	56 38	55 41	57 31	61 33	63 54	70 59	71.3 47.4
MAMMOTH CAVE PARK	MAX MIN	83 47	88 44	89 52	92 60	90 62	89 58	74 59	71 62	80 58	84 59	80 51	69 31	63 42	58 39	67 33	73 37	78 43	65 34	69 35	72 48	75 48	73 50	70 58	62 44	50 38	64 34	55 29	57 31	62 39	61 52	65 53	71.9 45.0
MANCHESTER 4 SE	MAX MIN	76 62	80 54	88 52	90 57	90 56	83 59	89 59	77 64	80 52	80 51	79 48	71 38	65 50	59 47	64 35	73 38	77 44	67 34	70 24	77 33	72 41	79 46	68 58	65 44	48 40	63 37	60 40	61 31	65 35	70 52	66 58	72.6 47.5
MAYFIELD	MAX MIN	79 54	78 55	87 66	88 68	82 65	79 65	81 55	84 65	67 44	85 46	79 55	62 45	57 41	61 37	68 37	73 45	66 42	62 36	72 34	75 41	78 45	77 49	71 58	55 44	58 41	65 38	53 41	57 31	67 46	63 54	73 58	70.7 49.1
MAYSVILLE OAM 33	MAX MIN	71 63	77 55	78 55	89 55	90 62	90 64	81 55	77 62	73 42	79 45	72 35	67 32	63 35	51 35	52 38	62 37	73 39	69 44	62 34	68 32	76 36	74 41	76 52	56 45	55 41	40 29	55 32	48 29	54 30	67 52	73 50	69.0 44.4
MIDDLESBORO	MAX MIN	78 58	86 52	86 53	88 57	88 57	85 58	79 60	74 60	80 59	78 60	76 64	73 40	66 47	58 49	67 41	73 39	75 44	67 34	73 30	74 32	74 39	77 46	72 53	63 47	50 39	62 34	64 36	62 30	64 35	70 52	67 57	72.5 47.6
MONTICELLO	MAX MIN	83 56	87 53	89 59	91 63	92 68	82 60	82 56	79 69	71 60	82 54	76 62	67 39	62 51	59 47	65 37	74 43	74 45	66 34	71 31	75 34	74 39	78 45	67 59	63 40	49 38	68 37	56 28	61 39	68 54	65 59	72.1 48.7	
MOUNT STERLING	MAX MIN	73 58	78 52	90 56	90 63	88 65	85 58	80 55	78 60	75 58	82 46	76 58	70 38	58 45	51 41	62 35	73 37	75 44	68 34	67 33	76 43	76 48	77 48	74 55	63 44	47 37	47 37	50 41	55 28	70 32	73 57	70.8 47.0	
MOUNT VERNON	MAX MIN	88 59	86 70	88 51	88 62	89 66	79 63	80 55	87 65	79 60	70 63	73 54	75 40	70 52	69 36	64 33	70 39	72 42	65 35	68 30	72 40	72 39	76 48	65 55	62 44	55 37	60 36	62 39	59 27	63 33	71 54	64 60	72.3 48.5
MURRAY	MAX MIN	87 55	88 61	90 65	90 67	86 69	80 59	80 56	85 63	70 45	86 50	78 55	60 44	60 52	62 44	68 38	76 41	70 46	65 37	74 36	76 49	76 46	77 51	72 43	59 46	57 43	55 40	59 31	57 37	63 54	70 58	72.5 49.8	
OWENSBORO 2 W	MAX MIN	81 52	89 54	90 60	91 65	88 68	80 68	80 56	83 62	75 41	85 51	78 55	67 40	56 49	60 42	67 36	76 44	68 43	63 34	74 42	77 48	80 45	74 65	68 48	65 40	49 40	53 41	53 42	61 34	65 36	66 57	72.3 48.2	
PAUCAH FAA AIRPORT	MAX MIN	77 54	86 57	87 69	86 69	82 69	77 64	79 57	83 55	69 44	84 47	69 44	55 44	55 49	60 37	67 40	73 40	65 34	61 34	71 40	75 34	76 39	77 59	66 52	66 44	52 29	57 34	50 29	60 35	65 55	71 57	69.6 48.0	
PAUCAH	MAX MIN	81 54	88 56	90 64	90 67	84 68	80 65	80 55	85 62	77 42	86 45	78 52	64 43	56 50	62 43	67 38	74 41	69 45	64 35	71 34	77 39	77 43	78 49	75 62	65 50	59 44	57 43	64 30	62 36	64 55	75 59	72.8 48.8	
RIKEVILLE	MAX MIN	69 65	83 59	89 61	92 63	91 63	87 61	85 62	78 66	83 66	81 60	76 58	72 41	58 47	57 48	64 47	76 43	66 47	66 35	72 35	76 47	71 37	79 50	68 51	61 45	56 42	55 40	51 34	64 29	69 36	74 57	72.4 51.1	
PRINCETON	MAX MIN	81 55	88 52	90 60	89 62	80 66	78 64	82 60	85 62	72 41	86 51	74 58	58 42	56 49	63 35	70 43	77 44	69 36	62 33	75 34	77 39	80 44	78 47	71 60	63 44	59 44	56 41	54 40	60 31	60 35	64 55	74 58	72.0 47.5
RICHMOND	MAX MIN	75 58	78 54	81 58	88 64	89 65	90 66	78 56	79 59	79 60	74 48	81 55	72 38	65 40	54 43	50 34	62 34	72 40	73 36	61 32	68 36	74 44	77 46	74 53	64 48	53 38	46 37	51 41	46 31	55 32	65 39	71 53	69.2 46.4
RUSSELLVILLE	MAX MIN	82 54	88 53	88 58	91 62	88 69	76 66	78 60	74 64	70 47	85 47	74 57	64 42	59 52	62 46	66 35	72 38	75 43	63 35	73 32	75 43	77 43	78 47	69 60	60 46	53 42	71 39	59 39	58 29	57 38	62 54	65 58	71.4 48.3
SCOTTSVILLE	MAX MIN	86 52	88 54	89 62	90 64	91 66	80 67	81 60	74 62	72 41	86 51	76 58	68 42	62 49	59 46	66 34	73 41	75 44	68 37	73 32	76 47	78 43	77 50	74 61	63 47	51 40	73 39	61 39	58 27	59 41	66 52	63 54	72.8 49.0
SHELBYVILLE 2 W	MAX MIN	81 52	85 55	90 60	91 64	91 67	81 66	79 59	74 61	76 48	87 45	79 56	65 38	63 48	52 43	64 36	72 40	70 44	61 32	69 35	74 43	74 45	76 48	73 57	64 45	47 39	49 39	50 39	56 28	67 34	70 55	66 59	70.8 47.7
SOMERSET 1 N	MAX MIN	82 54	83 52	88 55	89 58	90 64	78 60	81 53	78 66	66 58	80 53	73 58	66 37	61 47	57 44	64 36	71 35	74 42	62 38	70 31	74 38	73 39	77 47	66 54	63 46	48 37	66 38	51 28	57 35	60 51	67 58	74 64	70.3 46.7
SUMMER SHADE	MAX MIN	77 54	85 52	88 60	89 64	90 69	72 64	80 55	74 66	78 52	84 50	75 41	65 35	61 45	54 35	62 35	71 45	74 46	65 36	70 33	74 46	75 42	77 59	68 44	62 38	50 39	69 36	58 38	56 40	63 53	68 58	70.9 48.5	
VANCEBURG OAM 32	MAX MIN	77 60	77 54	90 50	91 61	91 62	83 62	77 56	76 65	76 56	80 45	73 57	70 40	60 39	53																		



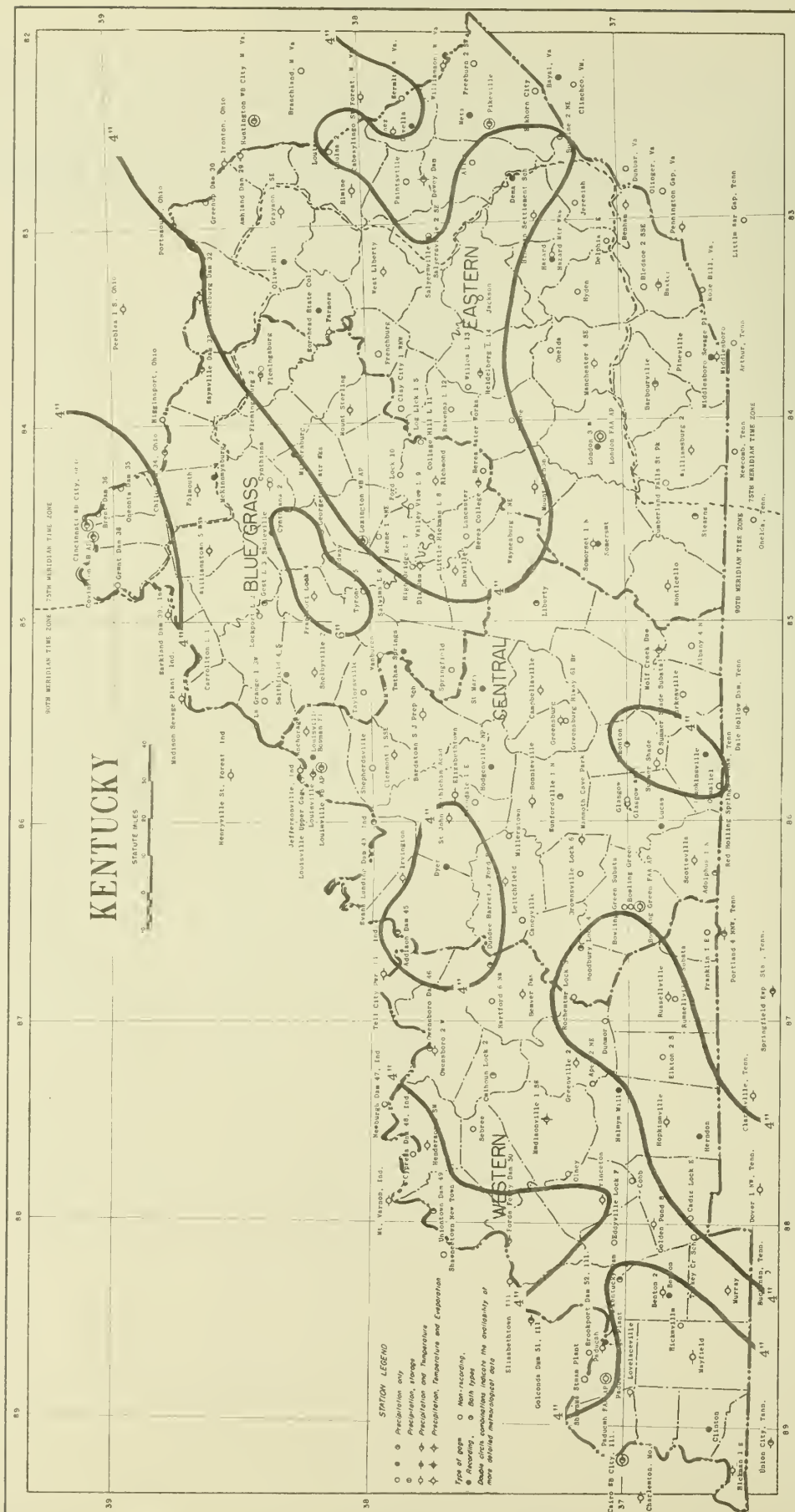
KENTUCKY  
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See Reference Notes Following Station Index



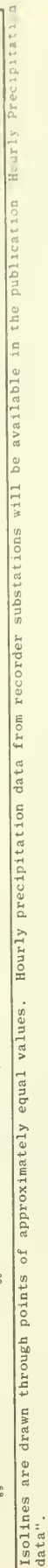
# TOTAL PRECIPITATION

KENTUCKY  
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## STATION INDEX

KENTUCKY  
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STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM #5	0031	BRACKENRIDGE	7	37 59	84 34	380	8A				C	CORPS OF ENGINEERS
ALBANY 4 N	0085	CLINTON	2	38 45	85 08	1080	7A				C	CORPS OF ENGINEERS
ALLEN	0095	FLOYD	1	37 35	82 43	658	8A				C	HUBERT BURGER
ANKENY	0155	JEFFERSON	7	38 16	85 33	700	7P				C	SUE BENNETT COLLEGE
APEX 2 RE	0185	MUNLEBERG	3	37 08	87 19	510	7A				C	FED. AVIATION AGENCY
ASHLAND DAM 29	0254	BOVD	1	38 27	82 38	551	6P				C	CHARLES F. BRANHAM
BANBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P				C	HAROLD C. FERGUSON
BARSTOWN S J PREP 6CH	0397	WELSON	8	37 48	85 28	631	6P				C	LOUISVILLE G. & E. CO.
BATES	0450	HARLAN	2	36 51	83 20	1164	7A				C	CORPS OF ENGINEERS
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	U.S. WEATHER BUREAU
BENHAM	0595	HARLAN	2	36 58	82 57	1588	8A				C	CORPS OF ENGINEERS
BENTON	0611	MARSHALL	9	36 51	88 20	398	5P				C	BLAINE WALONE
BERTON	0615	MARSHALL	9	36 51	88 20	305	5P				C	WILLARD E. FOSTER
BEREA COLLEGE	0619	MARSHALL	4	37 34	84 18	1070	6P				C	HOMER WELBORN, JR.
BEREA WATER WORKS	0624	MADISON	4	37 33	84 19	1010	7A				C	NATIONAL PARK SERVICE
BLAIR	0752	LAWRENCE	1	38 02	82 50	670	6P				C	MORA S. WHITE
BONNIEVILLE	0854	HART	3	37 23	85 54	702	6P				C	MAYFIELD ELEC. & MTR. CO.
BOWLING GREEN	0904	WARREN	4	37 00	84 24	536	7A				C	CORPS OF ENGINEERS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	84 24	500	5A				C	MRS. WIRNIE W. MORAN
BOWLING GREEN FAA AR	0909	WARREN	3	36 58	84 24	535	MID MID				C	RICHARD T. STONOR
BRENT DAM 36	0978	CAMPBELL	1	39 03	84 25	497	7A				C	CHARLES MURRAY
BROWNVILLE LOCK 6	1048	EDMONSON	3	37 20	85 21	771	6P				C	MRS. LELA M. HERBELL
BURDINE 2 RE	1120	PIKE	1	37 13	82 59	1649	8A				C	CITY OF MIDDLESBORO
BURKESVILLE	1137	CORBERLAND	2	36 47	85 22	600	7A				C	CITY OF MIDWAY
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A				C	DAVID C. BAILEY
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	OVA M. LAWLER
CAMPBELLVILLE	1228	TAYLOR	5	37 20	85 21	771	6P				C	ALVIN L. BERTRAM
CANEYVILLE	1294	GRAYSON	3	37 23	86 30	600	7A				C	INACTIVE 9/57
CANNONVILLE LOCK 1	1345	CAMPBELL	4	38 41	85 11	480	6A				C	FRED CARTMILL
CLAY CITY 1 WW	1576	POWELL	8	37 52	83 56	712	7A				C	CITY OF MT. VERNON
CLEPHONT 1 SSE	1611	KULLITT	6	37 55	85 40	340	5P				C	EDWARD A. RICHARDSON
CLINTON	1631	HICKMAN	6	38 41	85 00	390	5P				C	MURRAY STATE COLLEGE
COBS	1683	CALDWELL	2	36 59	87 47	490	7A				C	GEORGE E. DUVAL
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 31	84 46	959	7A				C	FED. AVIATION AGENCY
CORBIN WW AIRPORT	1855	BOONE	7	39 04	84 40	649	MID MID				C	MRS. ANNA L. BROWN
CUMBERLAND FALLS ST PK	1989	WHITLEY	2	36 50	84 19	1070	5P				C	CORPS OF ENGINEERS
CYNTHIANA	1998	HARRISON	5	38 29	84 18	684	7A				C	VIRGIL D. CLARK
CYNTHIANA 2	2003	HARRISON	5	38 29	84 17	719	8A				C	CORPS OF ENGINEERS
DANVILLE	2040	BOTLE	4	37 38	84 46	959	7A				C	FED. AVIATION AGENCY
DAVELLA	2053	NARTIN	1	37 48	82 32	738	7A				C	WESTERN P. LACKY
DELMONIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A				C	CITY OF PADUCAH
DEMA	2139	KNOX	1	37 25	82 48	850	7A				C	JESSE FAIRCHILD
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	U.S. WEATHER BUREAU
DIX DAM	2214	KEWEE	8	37 48	84 43	870	4P				C	FOLEY PARTIN
DUNDEE BARRETT'S FORD BR	2358	OHIO	3	37 33	86 43	440	7A				C	ALTON M. HARVILL
DUNTER	2366	MUNLEBERG	3	37 05	87 00	592	7A				C	CORPS OF ENGINEERS
DYER	2391	BRACKENRIDGE	3	37 43	86 13	798	7A				C	THOMAS C. HERNDON
EDDYVILLE LOCK F	2448	LYON	3	37 03	85 05	430	7A				C	CORPS OF ENGINEERS
EDMONTON	2489	NETCALFE	3	37 00	85 37	865	7A				C	WM. B. RORTER
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 53	739	6P				C	TVA-683
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	LAWRENCE ROGERS
ELK ROCK 10	2548	TODD	2	36 47	87 10	520	7A				C	INACTIVE 8/59
FALMOUTH	2775	PENDELTON	8	37 48	84 20	640	7A				C	JOHN B. BAUER
FARMERS	2791	HOWARD	5	38 09	83 33	688	4P				C	CORPS OF ENGINEERS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A				C	STANLEY GARDNER
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P				C	FORREST C. WILLIS
FORD LOCK 10	2953	MADISON	4	37 54	84 16	684	6A				C	MOBLE ALLEN
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P				C	MRS. IOELL F. OERING
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A				C	PAUL O. TOMPKINS
FRANKLIN 1 E	3036	SIMPSON	3	36 49	86 34	690	7A				C	TVA-700
FREEDMAN 2 SW	3046	PIKE	1	37 39	82 10	730	8A				C	MRS. WILLIE S. RATT
FRENCHBURG	3052	KEWEE	5	37 57	83 39	664	6A				C	OVIA K. MAGRUDER
GAMALIEL	3112	MORRIS	3	36 38	88 40	880	7A				C	F. W. SIMPSON
GEORGETOWN WATER WORKS	3194	SCOTT	4	36 12	84 33	888	8A				C	CORPS OF ENGINEERS
GEST LOCK 3	3203	HENRY	4	36 28	84 53	490	7A				C	WMO STA WSCF
GLASSON	3241	BARREN	3	37 00	85 35	780	7A				C	WM. H. GOATLEY
GLASSON WEAY	3246	BARREN	3	37 00	85 55	802	6P				C	MRS. GLADYS M. GRIFFITH
GLENNVILLE 1 E	3252	HARDIN	3	37 34	85 54	710	7A				C	CHAS. H. MC MURTRY
GOLDER POND 8 R	3295	TRIGG	2	36 54	88 00	398	4P				C	R. C. PEDMAN
GRANT DAM 38	3358	HENRY	7	36 59	84 50	503	7A				C	7948 SPENCER
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A				C	8040 MONROE
GREENSBURG	3435	GREER	3	37 15	85 30	630	7A				C	8144 TRIGG
GREENSBURG HWAY 61 BR	3435	GREER	3	37 15	85 30	590	7A				C	8179 ANDERSON
GREERUP DAM 30	3443	GREERUP	7	37 03	82 51	534	7A				C	8197 UNION
GREENVILLE 2 W	3451	MUNLEBERG	3	37 12	87 12	519	5P				C	8246 JESSAMINE
HALES MILL	3539	CHRISTIAN	3	37 03	87 20	740	7A				C	8250 ANDERSON
HARTFORD 6 RW	3652	OHIO	3	37 32	86 54	429	8A				C	8259 LEWIS
HAZARD	3709	PERRY	4	37 15	85 12	669	7A				C	8446 GALLATIN
HAZARD WATER WORKS	3714	PERRY	4	37 15	85 11	680	7A				C	8486 LINCOLN
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P				C	8551 MORGAN
HERNDON 7 SCW	3762	HERNDON	7	37 45	87 38	382	6P				C	8709 WHITLEY
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A				C	8714 GRANT
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	-	7A				C	8724 LEE
HICKSVILLE	3821	GRAYES	9	36 48	88 30	440	7A				C	8807 FUSSELL
HIGH RIDGE LOCK T	3837	JESSAMINE	4	37 49	84 43	544	6A				C	8824 BUTLER
HINDMAN	3899	KNOX	4	37 20	82 59	1080	8A				C	
HODGEVILLE RAT PARK	3929	LARUE	3	37 32	85 44	788	7A				C	
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 38	540	7A				C	
HYDEN	4093	LESLIE	4	37 10	83 23	-	7A				C	
INEZ	4134	MARTIN	1	37 52	82 32	638	6P				C	
IRVINGTON	4165	BRACKENRIDGE	3	37 53	86 17	646	7P				C	
JACKSON	4196	BREATHITT	4	37 33	83 23	799	7A				C	
JENKINS	4295	LEITCH	4	37 10	82 56	1150	5P				C	
KEENE 1 WW	4349	JESSAMINE	4	37 57	84 38	941	7A				C	
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	342	5A				C	
LA GRANGE 1 E	4595	OLDHAM	7	38 24	85 24	874	6A				C	
LARCASTER	4620	GARRARD	4	37 37	84 39	1032	8A				C	
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	643	6P				C	
LEXINGTON WW AIRPORT	4746	FAYETTE	4	38 02	84 34	979	MID MID				C	
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A				C	
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	560	7A				C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	4	38 28	84 58	485	6A				C	CORPS OF ENGINEERS
LOGGICK 1 S	4882	CLARK	4	37 51	84 02	773	7A				C	SUE BENNETT COLLEGE
LONDON	4893	LAUREL	2	37 07	84 04	1240	7A				C	FED. AVIATION AGENCY
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	MID MID				C	CHARLES F. BRANHAM
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A				C	HAROLD C. FERGUSON
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A				C	LOUISVILLE G. & E. CO.
LOUISVILLE	4949	JEFFERSON	7	38 13	85 40	558	7A				C	CORPS OF ENGINEERS
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	7A				C	U.S. WEATHER BUREAU
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID MID				C	CORPS OF ENGINEERS
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A				C	BLAINE WALONE
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	6P				C	WILLARD E. FOSTER
LUCAS	5002	BARRETT	3	36 53	86 02	738	7A				C	HOMER WELBORN, JR.
MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P				C	NATIONAL PARK SERVICE
MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	850	5P				C	MORA S. WHITE
MANCHESTER A SE	5111	CLAY	4	37 06	83 43	850	6P				C	MAYFIELD ELEC. & MTR. CO.
MAYFIELD	5230	GRAVES	6	36 44	88 39	364	7A				C	CORPS OF ENGINEERS
MAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	518	7A				C	MRS. WIRNIE W. MORAN
MC EEE	5291	JACKSON	2	37 26	84 00	1000	7A				C	RICHARD T. STONOR



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U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

NOVEMBER 1959  
Volume LIV No. 11



ASHEVILLE: 1960



KENTUCKY - NOVEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 6th at Hopkinsville

Lowest Temperature: 3° on the 30th at Inez

Greatest Total Precipitation: 6.72 inches at Stearns

Least Total Precipitation: 1.67 inches at Owensboro Dam 46

Greatest One Day Precipitation: 3.15 inches on the 27th at Franklin  
1 E

Greatest Reported Total Snowfall: 11.0 inches at Benham

Greatest Reported Depth of Snow on ground: 6 inches on the 28th at  
West Liberty



## CLIMATOLOGICAL DATA

KENTUCKY  
NOVEMBER 1959

Station	Temperature										Precipitation												
	Average Maximum		Average Minimum		Average		Seasonal Range		Days Above		Days Below		Days Equal		Total Inches		Total Days		Total Days		Total Days		
WESTERN																							
BEAVER DAM	57.5	32.7	45.0		80	5	10	18	594	0	2	18	0	3.78	1.34	23				5	3	1	
BENTON 2	55.7	30.4	43.1		78	5	10	18	652	0	1	19	0	3.51	.89	4	1.0	0	30+	7	3	0	
FORDS FERRY DAM 50	54.4	32.9	43.7		77	5	11	18+	636	0	0	16	0	1.73	.83	5	.2	T	0	3	2	0	
GOLDEN POND 8 N	56.5	30.8	43.7		80	5	8	18	638	0	1	19	0	3.98	.76	5	T	0		8	5	0	
GREENVILLE 2 W	55.7M	33.1M	44.4M	- 2.4	78	5	10	19	615	0	1	19	0	5.78	2.43	1.91	5			8	5	1	
HENDERSON 7 SSW	53.0	31.6	42.3	- 4.3	77	5	10	18+	673	0	1	18	0	1.69	- 1.63	.64	14	.3	T	29+	4	1	
HICKMAN 1 E	55.6	31.1	43.4		76	5	13	17	643	0	3	20	0	3.07	1.47	4				4	3	1	
HOPKINSVILLE	54.9	30.2	42.6	- 4.4	81	6	11	18	665	0	2	17	0	3.00	- .53	1.03	27	T	0	5	3	1	
LOVELACEVILLE	55.7	32.0	43.9	- 3.5	75	13+	11	18+	627	0	1	15	0	2.27	- 1.02	1.18	4			4	2	1	
MADISONVILLE 1 SE	55.5	31.4	43.5		78	5	10	17	643	0	1	18	0	2.53	1.03	5				5	2	1	
MAYFIELD	56.0	33.6	44.8		75	5	13	17	598	0	0	15	0	2.51	1.05	5				5	2	1	
MURRAY	55.5	32.8	44.2	- 3.1	79	5	8	18	616	0	1	15	0	3.42	- .21	1.05	5	.3	T	28	6	4	
OWENSBORO 2 W	54.4	33.3	43.9	- 2.0	78	5	12	17	631	0	1	15	0	1.96	- 1.39	.65	14			4	1	0	
PADUCAH FAA AIRPORT	52.0	30.3	41.2		74	13+	12	17	710	0	2	16	0	2.18	.93	4	.8			4	1	0	
PADUCAH	55.9	32.3	44.1		75	13+	11	17	620	0	1	16	0	1.77	- 1.95	1.02	4	.5	0	2	2	1	
PRINCETON	56.8	31.3	44.1	- 2.8	79	5	11	18	626	0	1	19	0	3.14	- .32	1.06	5		T	30+	6	2	
RUSSELLVILLE	56.3	33.5	44.9	- .7	80	5	12	18	598	0	0	15	0	2.62	- .90	1.33	27			5	1	1	
DIVISION																							
CENTRAL																							
ANCHORAGE	53.1	31.2	42.2	- 2.2	79	5	10	18	681	0	1	19	0	4.75	1.62	1.03	5	.3	T	29+	8	5	
BARSTOWN 5 J PREP SCH	55.8	32.8	44.3		80	5	10	18	619	0	1	17	0	4.26	1.56	27	2.0			7	3	1	
BONNIEVILLE	55.7	31.8	43.8		79	5	15	17	633	0	0	17	0	3.75	1.65	27	.6	T	29+	8	1	1	
BOWLING GREEN FAA AP	53.8	31.8	42.8	- 4.5	78	5	12	18	659	0	1	17	0	4.25	.78	2.03	26	1.0	1	29	8	1	
CAMPBELLVILLE	56.0	34.0	45.0		79	5	12	18	597	0	1	16	0	4.64	2.34	27	1.0	1	28	8	2	1	
CLERMONT 1 SSE	58.2	32.8	45.5		80	6+	8	18	584	0	1	17	0	5.20	1.61	27		1	28	7	4	2	
ELIZABETHTOWN	56.0	32.4	44.2		80	5	10	18	623	0	1	15	0	4.56	1.02	27	6.8			10	4	1	
GLASGOW WKAY	55.1	33.0	44.1		79	5	12	18	627	0	1	17	0	5.40	2.32	27	.4	T	29+	8	4	1	
GREENSBURG	54.7	31.0	42.9	- 2.9	80	6	11	30	659	0	3	18	0	5.00	1.62	27	1.0	1	29+	8	2	1	
IRVINGTON	54.6	32.3	43.5	- 2.6	78	5	10	18	640	0	0	17	0	4.53	1.42	1.92	5	T	0	6	3	1	
LEITCHFIELD	54.7	33.5	44.1	- 2.5	79	5	12	18	622	0	2	14	0	3.45	- .13	1.14	27	.5	T	29+	7	2	
LOUISVILLE	54.6	34.1	44.4		80	5	10	17	614	0	0	15	0	4.63	1.75	5	1.3	1	28+	8	3	1	
LOUISVILLE WB AP	53.6	32.9	43.3	- 2.4	79	5	13	18+	642	0	1	15	0	4.15	1.10	5	.6	T	29+	7	4	1	
MAMMOTH CAVE PARK	55.5	33.0	44.3		78	5	8	18	619	0	2	17	0	5.02	2.60	27	1.7	1	28	7	3	1	
SCOTTSVILLE	56.3	34.0	45.2		79	5	11	18	590	0	2	14	0	5.29	2.65	27	1.0	T	29	7	2	1	
SUMMER SHADE	56.2	32.5	44.4		80	5	12	18	617	0	1	18	0	4.35	1.96	27		T		7	3	1	
WOLF CREEK DAM	56.4	28.8	42.6		80	6	12	18	662	0	3	19	0	4.13	1.51	27				7	3	3	
DIVISION																							
BLUE GRASS																							
BEREA COLLEGE	57.7	37.6	47.7	1.3	78	5	10	18	601	0	0	19	0	2.87	- .41	.87	27			5	4	0	
CARROLLTON LOCK 1	54.7	32.4	43.6		78	5	12	18+	639	0	0	17	0	3.99	1.03	1.20	5			9	3	1	
COVINGTON WB AIRPORT	50.1	31.1	40.6	- 2.8	75	5	10	17	724	0	2	17	0	4.04	1.01	1.21	5	2.3	1	29+	8	3	1
CYNTHIANA 2	51.9	30.1	41.0		78	6	11	18	713	0	2	19	0	5.21	1.26	27	4.0			11	4	1	
OANVILLE	53.1	30.6	41.9		78	6	11	19+	685	0	3	19	0	4.12	.90	1.97	27	1.2	1	29+	7	1	1
OIX DAM	56.6	34.3	45.5		79	5	12	18	584	0	1	14	0	3.81	2.05	27				7	1	1	
FALMOUTH	55.1	31.7	43.4		80	5	10	18	645	0	1	18	0	4.52	1.36	27		T		30+	8	3	
FLEMINGSBURG 2	54.3	31.3	42.8		77	5	8	18	660	0	1	19	0	4.38	1.30	27	2.3	2	28	9	3	1	
FRANKFORT LOCK 4	52.5	30.4	41.5	- 4.3	80	6	12	18	697	0	2	20	0	4.38	1.61	27	1.0	1	28	9	2	1	
LEXINGTON WB AIRPORT	51.8	32.8	42.3	- 2.5	77	5	12	18+	672	0	2	14	0	4.49	1.34	1.17	26	.8	1	28	8	4	
MAYSVILLE DAM 33	52.9	30.0	41.5	- 3.4	78	6	11	18	700	0	2	21	0	5.29	2.27	1.40	24		2	28	8	4	
MOUNT STERLING	55.3	31.4	43.4		78	5	10	18	645	0	1	19	0	3.54	1.15	27				8	3	1	
RICHMOND	53.0	31.7	42.4		77	6	10	18	674	0	2	16	0	3.26	1.10	27	2.0			7	2	1	
† SHELBYVILLE 2 W	57.3M	33.8M	45.6M	.5	76	6+	10	18	599	0	1	20	0										
WARSAW MARKLAND DAM	52.8	32.7	42.8		77	5	14	18+	658	0	1	17	0	3.60	1.18	4		T		29+	4	3	
WILLIAMSTOWN 5 WSW	50.5	27.8	39.2	- 5.9	76	6	9	19+	769	0	3	23	0	4.14	1.00	1.26	27	3.0	2	29+	8	3	
DIVISION																							
EASTERN																							
ASHLAND DAM 29	54.5	34.2	44.4	- 2.2	79	4	14	18	611	0	1	14	0	3.86	1.13	1.45	28	2.0	2	29+	7	2	
BARBOURVILLE	58.8	31.1	45.0		76	5	12	30+	598	0	1	17	0	6.64	2.42	24							
BAXTER	55.4	30.5	43.0		72	6	13	30	655	0	1	18	0	6.17	2.28	24	1.0	4	29	9	3	2	
BENHAM	57.3	30.4	43.9		75	6	10	30	630	0	1	19	0	5.74	1.90	28	11.0			8	3	2	
BLAINE	56.3	27.3	41.8		80	4	7	18	691	0	1	20	0	3.47	.74	27	6.0			12	3	0	
DEWEY DAM	57.0	30.5	43.8		80	5	13	19+	631	0	1	18	0	3.82	1.79	28	5.0	4	28	7	2	1	
FARMERS	57.3	31.1	44.2	- .8	77	4	9	18	620	0	1	17	0	3.35	.65	27	3.0	3	28	9	3	0	
GRAYSON 1 SE	53.2M	30.1M	41.7M		77	5	11	18	692	0	2	21	0	2.95	1.10	28	6.0			7	2	1	
HEIDELBERG LOCK 14	56.9	30.8	43.9		76	4	9	30	627	0	1	18	0	2.82	.61	28	3.0	2	30+	8	2	0	
HINOMAN SETTLEMENT SCH	55.8M	27.5M	41.7M		70	15+	9	30	673	0	1	22	0	5.57	1.80	24				2	2	2	
INEZ	56.1	24.8	40.5		75	5	3	30	730	0	1	25	0	3.80			6.0	3	29	7	4	2	
LONDON FAA AIRPORT	53.1	29.6	41.4		73	5	12	30	703	0	2	22	0	4.97	1.50	27	4.5	3	29	7	2	2	
MANCHESTER 4 SE	57.9	31.3	44.6		76	5+	10	30	606	0	1	17	0	5.59	1.93	24	4.0	3	29	7	2	2	
MIDDLESBORO	58.4	32.3	45.4		75	4	12	30	583	0	1	16	0	5.64	2.45	28	1.4	1	29	7	3	2	
MONTICELLO	56.8	33.1	45.0		80	5	12	18	681	0	1	17	0	4.07	1.14	24	1.1	1	29+	7	3	2	



## CLIMATOLOGICAL DATA

KENTUCKY  
NOVEMBER 1959

CONTINUED

CONTINUED

Station		Temperature													Precipitation										
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max		Min.						Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
											90° or Above	32° or Below	32° or Below	0° or Below											
MOUNT VERNON	54.8	31.3	43.1		76	5	11	18	652	0	1	19	0	3.83		.95	27				9	4	0		
PIKEVILLE	58.1	34.5	46.3		80		17	18	565	0	1	16	0	5.26	2.68	1.21	24	6.0	3	29	9	4	1		
SOMERSET 1 N	54.9	31.4	43.2		76	5	11	18	652	0	1	19	0	2.70		.87	23		2	28	7	2	0		
VANCEBURG DAM 32	55.5	30.7	43.1		79	5	12	18	648	0	1	19	0	4.63	1.63	1.18	24				8	3	2		
WEST LIBERTY	54.1	28.0	41.1		77	5	10	18	712	0	3	22	0	3.54		.79	27		6	28	10	2	0		
AM																									
WILLIAMSBURG 2	57.2	31.2	44.2	- 2.6	76	5	12	19+	617	0	1	19	0	6.37	3.15	2.62	24				7	3	2		
AM																									
DIVISION			43.4	- 2.7										4.51	1.35			4.3							

†DATA RECEIVED TOO LATE TO BE  
INCLUDED IN DIVISION AVERAGES

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	17	11.6	35	SSW	4	73	73	52	62	6	5	5	2	1	0	19	-	7.0
LEXINGTON WB AIRPORT	S	16	12.1	-	-	-	78	78	58	71	6	4	4	3	1	0	18	-	6.5
LOUISVILLE WB AIRPORT	NW	16	11.1	34	S	4	72	74	53	63	5	4	3	3	1	0	16	43	6.5

See Reference Notes Following Station Index



REF ID: A66666  
NOVEMBER 1992

See Reference Notes Following Station Index



# DAILY PRECIPITATION

KENTUCKY  
NOVEMBER 1959

CONTINUED

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEONTA DAM 35	3.45				1.12	.64		T					.07	.02	T		T	.03						.03	.35	.02	T	1.07	.10	T			
OWERSBORO 2 W	1.96				.22	.40							.06		.65		T	.02						.05	.03			.48	.05	T			
OWERSBORO DAM #4	1.67	T			.19	.41		T					.04		.56		.03	.03						T	.01	.02		.38					
PADOCAM FAA AIRPORT	2.18				.93							T	.02	.28	.49	.01	.01						T	T				.08	T				
PADOCAM	1.77				1.02							T		.75		T							T	T			.36	T					
PAINTSVILLE	3.55	.07				.09									.46	.23	.33							.15	.39	.05	T	.06	1.70	.02			
PIKEVILLE	5.26	.21		.06	.01	T	T								.39	.34	.13							.98	1.21	.01	.02	.90	.70	.30			
PINEVILLE	6.29	T			.03	.04	.39	.02							.35	.06	.65							.03	2.15	.32	T	.18	1.94	.12	.01		
PRINCETON	3.14			.01	.31	1.06									.70	.03	T							.36				.48	.19				
RAVENNA LOCK 12	2.87				T	.16									.35	T	.35							.40	.50			.48	.63	T			
RICHMOND	3.26	.04			.16	.07							.02	T	.45	.05	.22							.40	.52	.07		1.10	.12	.04			
ROCHESTER LOCK 3	2.89				.28	.43								.58	.02	T	.03							.49	.07	.06		.88	.02	.03			
RUSSELLVILLE	2.62				.34	.27								.42		.14							.02	.01				1.35	.09				
RUSSELLVILLE SUBSTA	3.05				1.00									.44	T	.08	.10							.05				1.31	T	.07			
SALVISA LOCK 6	4.79	.05			.32	1.15	.06							.34	.16	T	.02							.26	.22	T	T	2.12	.09	T	T		
SALYERSVILLE 2 SE	3.84	.06			.03	.25									.39	.28	.33	.03						.34	.28	.08		.05	1.72				
SCOTTSVILLE	5.29			.32	.17	.75								.46		.27								.48	.09		.05	2.65					
SCOTTSVILLE 2 SW	4.35				.25	1.13								.30	T	.15	.12							.11	.30			1.29	.70	T			
SEBEE	2.55			.40	1.45																							.48	.22				
SHAWNEE STEAM PLANT	2.35				.24	1.01							T	.02	.78	T	T	T										.30	T				
SHELBYVILLE 2 W	-	.13			.60	.34								.08	.47	.10	.02							.28	1.04	.02	T	-	-	-	-		
SHEPHERDSVILLE	4.39				.32	1.07							.02		.63	.02	.02							.60	.42	.02		1.20	.05	.02			
SOMERSET 1 N	2.70	.03		.12	.02	.42	T								.53	.02	.28	.12						.87	.04	.02	.08		.15				
SPRINGFIELD	5.11	.06			.42	.91									.48	.10								.24	.35			2.45	.10	T			
STEARNIS	6.72				.07	1.00									.42	.62	.40								2.47			.65	1.09				
SUMNER SHADE	4.35			.30	.15	.36									.55	.18	.04							.69	.02	.02	.08	1.96	T				
SUMNER SHADE SUBSTA	3.89	T			.31	.45							T		.23	.29	.08							.22	.32	.07	T	1.90	.02	T			
TAYLORSVILLE	4.13				.12	.23	.47								.45		T							.40	.84	.02	T	1.50	.05	.05			
TURKEY CREEK SCHOOL	2.97				.09	1.13									.63		.03	.07						.08	T			.91	T	.03			
TYRONE LOCK 5	4.76	.05			.80	.68									.20	.37	T	.02						.26	.67	T	T	1.59	.12	T			
ORIONTOWN DAM 49	1.73				.20	.42		T					.04	.08	.75	T	.04							T	.04	.01		.15	T	T			
VALLEY VIEW LOCK 9	3.43	.02			.12	.20		T							.09	.26	T	.09						.40	.63	T	T	1.49	.12	.01	T		
VANDUREN	4.55	.05			.35	.29									.49	.12	.02							.45	.95			1.59	.15	.07			
VANCEBURG DAM 32	4.63	.21			1.17	.11	.13					T	T			.38	.02	.07						T	1.18	.08	.01	.37	.90	T	T		
WARSAM MARKLAND DAM	3.60	.02			1.18	1.12							.03	T	.20	.08	T							.05	.06	T	T	.84	.02	T			
WAYNESBURG 7 NE	3.49				.20	.31									.59	.10	.16							.49	.51	T		1.01	.09	.03			
WEST LIBERTY	3.54	.14			.08	.14	.15						.02		.32	.19	.28							.35	.33	.09	.01	.79	.65	T			
WILLIAMSBURG 2	6.37				.03	.26	.08								.37	.16	.74							.03	2.62	.09		.27	1.67	.05			
WILLIAMSTOWN 5 WSW	4.14	.08			.68	.35							.05		.25	.26	T							T	.87	T		1.26	.23	.11			
WILLOW LOCK 33	3.14				.03	.25	.05						.02		.43	.17	.19							.31	.27	.09		.52	.76	.05			
WOLF CREEK DAM	4.13				.09	.33									.47	.17	.26							.20	1.00			1.51	.08	.02			
WOODBURY LOCK 4	2.84				.35	.37									.35	.05	.01	.02						.16	.05	.03		1.23	.04				

See Reference Notes Following Station Index



# DAILY TEMPERATURES

KENTUCKY  
NOVEMBER 1959

Station		Day Of Month																															Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	81	58	53	72	79	96	40	50	52	65	55	81	72	63	42	47	42	16	53	58	61	66	61	53	38	58	42	32	33	41	53.1	
	MIN	46	35	29	53	56	29	26	21	22	10	41	29	48	32	26	40	12	10	20	28	34	28	49	36	29	34	31	25	20	17	31.2	
ASHLAND OAM 29	MAX	62	55	61	79	73	65	41	48	54	63	60	54	72	61	42	55	54	35	51	56	62	64	57	58	43	52	55	34	31	37	54.5	
	MIN	52	45	30	41	56	33	30	25	38	29	40	38	40	38	36	19	23	14	26	26	37	29	48	42	30	29	33	29	22	19	34.2	
BARBOURVILLE	MAX	67	61	70	75	78	74	38	52	55	65	62	62	70	68	48	60	57	44	54	65	66	68	66	63	46	60	62	37	32	40	58.8	
	MIN	55	37	25	50	58	34	26	18	18	21	29	38	31	40	35	38	25	12	18	23	35	25	49	40	31	28	37	27	17	12	31.1	
BARSTOWN S J PREP SCH	MAX	63	59	56	73	80	74	41	45	54	66	59	57	72	67	43	49	45	39	55	63	63	68	61	60	41	59	53	35	31	42	55.8	
	MIN	50	42	29	50	63	27	27	26	22	31	46	36	48	33	27	39	14	10	22	28	38	25	52	36	32	35	32	25	19	19	32.8	
BAXTER	MAX	62	63	61	66	71	72	49	41	54	56	62	56	61	68	61	56	55	40	43	54	62	64	65	53	40	41	58	50	33	25	55.4	
	MIN	56	37	27	27	50	47	28	20	22	22	23	35	35	36	37	37	39	15	16	19	25	30	31	45	32	27	33	31	19	13	30.5	
BEAVER OAM	MAX	66	62	55	71	80	75	44	62	67	68	64	62	74	68	45	49	45	38	55	62	61	65	67	61	42	62	41	30	32	45	57.3	
	MIN	47	47	32	54	57	26	26	22	24	33	45	38	52	32	26	41	12	10	20	29	36	28	52	40	31	31	30	22	20	18	32.7	
BENHAM	MAX	70	69	69	69	72	75	47	52	47	56	63	56	63	68	61	65	59	38	46	56	65	59	65	59	62	40	60	47	35	27	57.3	
	MIN	56	39	26	28	64	45	26	17	18	22	28	38	39	48	35	40	35	14	17	22	27	25	27	51	29	22	25	22	18	10	30.4	
BENTON 2	MAX	67	61	66	67	78	56	43	55	59	67	61	61	74	64	39	43	41	41	56	59	66	64	68	66	46	52	39	31	37	45	55.7	
	MIN	47	40	35	59	56	28	24	18	20	31	45	38	45	29	29	37	12	10	11	26	28	24	40	45	30	30	30	16	14	14	30.4	
BEREA COLLEGE	MAX	65	65	63	73	78	72	41	50	55	66	61	60	70	62	53	55	52	41	54	66	65	66	68	58	45	55	54	42	36	39	57.7	
	MIN	42	42	27	50	57	28	25	17	20	31	41	32	49	30	30	32	18	10	26	29	48	31	35	42	30	35	33	25	19	21	37.6	
BLAINE	MAX	65	59	67	80	76	74	42	50	55	65	61	56	74	56	45	55	50	39	53	65	64	69	57	58	40	56	57	34	28	38	56.3	
	MIN	51	35	20	48	53	30	26	15	17	19	25	28	29	35	33	35	21	7	14	19	30	19	36	40	26	23	34	25	17	8	27.3	
BONNIEVILLE	MAX	62	59	57	70	79	61	42	52	56	65	60	63	72	64	44	49	46	41	56	63	63	61	61	61	43	60	52	34	34	41	55.7	
	MIN	51	44	29	35	61	28	27	20	21	26	45	39	48	33	30	41	15	16	19	25	34	24	54	37	30	29	33	24	19	16	31.8	
BOWLING GREEN FAA AP	MAX	64	60	63	69	78	41	42	50	55	65	61	63	72	61	43	47	35	38	54	60	63	66	60	60	44	58	38	30	33	42	53.8	
	MIN	49	34	30	60	41	28	28	22	23	29	43	35	40	52	33	35	15	12	20	28	33	29	56	33	30	33	29	22	18	18	31.8	
CAMPBELLVILLE	MAX	60	61	61	71	79	73	42	53	55	65	60	63	71	64	44	50	48	39	53	62	63	66	63	61	43	56	51	33	29	41	56.0	
	MIN	52	43	31	53	62	29	27	24	25	28	48	38	50	33	32	41	17	12	22	30	40	31	52	43	30	33	33	26	17	19	34.0	
CARROLLTON LOCK 1	MAX	63	57	54	71	78	75	39	49	51	64	63	52	70	67	43	51	51	35	53	59	61	66	62	61	42	48	48	35	33	40	54.7	
	MIN	51	45	28	48	59	30	28	22	24	30	43	30	45	33	30	40	12	12	21	25	37	25	53	41	28	33	33	26	23	19	32.4	
CLERMONT 1 SSE	MAX	66	62	59	73	80	80	43	53	56	68	66	58	74	72	44	52	48	37	58	65	64	67	65	62	47	61	58	34	31	43	58.2	
	MIN	50	45	28	47	62	30	27	20	22	31	50	30	49	36	26	43	14	8	23	26	38	25	50	44	32	33	33	25	19	18	32.8	
COVINGTON WB AIRPORT	MAX	59	51	53	70	75	47	39	46	49	64	54	47	69	61	42	51	36	36	50	56	58	64	59	49	34	46	38	31	30	38	50.1	
	MIN	49	35	29	53	46	29	24	24	27	35	34	28	46	31	29	36	10	13	25	33	38	34	45	33	26	31	29	22	21	19	31.1	
CYNTHIANA 2	MAX	64	59	55	58	71	78	35	40	50	51	63	57	55	70	39	44	55	27	34	52	62	61	67	59	54	39	59	37	34	29	51.9	
	MIN	51	44	26	32	57	34	26	20	22	25	40	33	34	38	32	36	16	11	14	26	26	22	25	50	29	31	35	28	20	20	30.1	
DANVILLE	MAX	63	60	59	60	72	78	35	40	50	53	64	59	60	70	57	45	51	22	39	53	63	61	67	60	55	48	57	35	29	27	53.1	
	MIN	50	45	32	34	56	33	26	21	21	25	35	38	38	49	29	34	18	11	11	24	29	30	30	46	30	30	30	26	18	18	30.6	
DEWEY OAM	MAX	75	64	59	69	80	77	45	44	51	53	54	65	60	73	61	45	55	36	40	55	65	65	68	60	62	57	60	50	34	28	57.0	
	MIN	52	45	26	26	52	45	32	20	20	23	23	42	33	32	33	39	35	13	13	19	26	26	31	45	34	29	34	30	22	14	30.5	
OIX OAM	MAX	63	60	61	72	79	78	40	52	53	63	63	59	69	68	43	52	51	39	53	63	64	67	63	59	47	58	55	34	30	40	56.6	
	MIN	51	45	32	46	61	33	28	24	28	33	46	38	48	38	29	40	16	12	26	29	40	30	52	43	28	34	34	26	19	19	34.3	
ELIZABETHTOWN	MAX	62	62	56	72	80	73	40	51	55	66	64	62	72	58	43	57	46	40	54	62	58	66	60	60	42	60	53	35	32	42	56.0	
	MIN	50	38	38	50	60	28	27	21	24	27	50	38	50	32	27	38	12	10	20	23	34	23	54	39	33	34	33	23	18	19	32.4	
FALMOUTH	MAX	64	56	57	74	80	71	40	50	52	65	58	53	73	65	42	56	54	38	52	59	62	67	60	59	42	52	48	35	30	40	55.1	
	MIN	51	42	26	48	61	32	27	21	23	26	42	29	48	34	30	43	16	10	18	24	34	22	43	42	28	30	34	28	22	17	31.7	
FARMERS	MAX	64	57	64	77	75	72																										



Continued

## DAILY TEMPERATURES

KENTUCKY  
NOVEMBER 1959

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEITCHFIELD	MAX	62	58	53	72	79	59	40	50	56	65	63	60	73	64	42	47	43	39	55	60	62	66	62	58	42	61	45	30	32	42	54.7	
	MIN	49	44	35	51	45	27	26	24	26	35	44	38	51	32	28	40	13	12	24	33	42	35	55	38	30	35	32	21	19	20	33.5	
LEXINGTON W8 AIRPORT	MAX	59	54	58	71	77	48	38	49	51	63	56	54	68	60	43	52	37	35	52	59	59	65	58	57	38	56	42	31	26	38	51.8	
	MIN	47	36	34	54	48	28	27	24	29	34	41	36	50	30	29	37	12	12	25	34	39	38	51	34	29	35	30	23	19	19	32.8	
LONDON FAA AIRPORT	MAX	58	57	61	72	73	54	40	48	53	60	55	60	67	60	41	56	43	41	53	62	63	64	54	57	40	57	59	29	22	34	53.1	
	MIN	41	30	27	50	54	27	26	23	21	25	35	39	39	32	31	41	15	13	21	27	31	27	48	32	29	31	29	19	14	12	29.6	
LOUISVILLE	MAX	63	58	54	72	80	57	40	50	55	67	59	54	74	63	45	49	49	38	50	56	62	66	62	60	42	60	40	36	35	43	54.6	
	MIN	50	45	34	51	57	28	27	26	28	32	42	33	50	34	27	40	10	14	28	38	44	32	55	38	32	35	31	23	19	21	34.1	
LOUISVILLE W8 AP	MAX	62	56	58	71	79	41	41	50	55	67	58	60	74	63	43	51	34	38	56	60	62	66	63	55	42	59	38	31	34	42	53.6	
	MIN	51	35	33	54	41	29	29	24	26	34	39	33	56	30	28	34	13	13	28	33	38	30	52	34	32	38	31	24	21	23	32.9	
LOVELACEVILLE	MAX	68	64	68	69	75	51	43	53	61	68	60	60	75	67	38	42	40	42	57	58	68	68	68	61	45	54	35	30	35	47	55.7	
	MIN	47	41	35	59	51	26	18	20	23	39	45	34	51	29	28	36	11	11	19	30	33	29	51	41	38	35	29	17	14	19	32.0	
MADISONVILLE 1 SE	MAX	66	60	60	67	78	56	41	52	58	66	61	59	73	68	41	45	42	39	57	61	64	65	67	65	50	40	31	49	40	45	55.5	
	MIN	49	46	33	59	56	28	21	21	24	36	42	31	47	30	26	39	10	12	26	29	38	25	45	39	23	30	21	21	16	20	31.4	
MAMMOTH CAVE PARK	MAX	61	60	55	70	78	74	41	52	54	65	60	63	72	65	42	47	44	39	54	60	63	67	62	59	44	59	52	32	29	42	55.5	
	MIN	48	42	32	50	61	28	26	20	24	34	50	39	47	32	29	39	13	8	23	30	40	33	52	43	31	31	31	23	15	17	33.0	
MANCHESTER 4 SE	MAX	63	58	68	76	76	71	44	54	58	65	63	63	70	64	44	55	54	44	55	67	67	67	58	63	46	55	60	37	32	40	57.9	
	MIN	43	43	25	50	58	34	29	18	19	22	29	37	32	37	36	41	27	12	17	24	36	24	45	44	31	28	37	29	21	10	31.3	
MAYFIELD	MAX	66	65	66	67	75	50	43	55	60	68	60	62	74	67	45	43	41	39	56	58	65	67	69	60	45	60	40	33	37	45	56.0	
	MIN	48	46	47	58	47	27	21	22	24	39	47	36	56	30	29	37	13	14	24	33	34	32	53	39	25	38	28	20	18	22	33.6	
MAYSVILLE DAM 33	MAX	62	60	53	58	75	78	40	43	51	52	64	59	53	72	61	45	55	27	38	50	55	61	67	60	57	37	52	40	33	30	52.9	
	MIN	52	41	27	26	51	39	29	23	24	27	28	31	31	48	34	35	21	11	13	21	25	25	25	50	30	26	35	30	23	19	30.0	
MIDDOLESBORO	MAX	69	64	64	75	72	70	44	55	59	63	57	66	70	65	64	60	55	43	58	60	63	68	60	65	46	51	56	39	30	40	58.4	
	MIN	57	38	24	52	61	35	28	18	19	20	30	37	30	38	37	50	28	14	17	22	36	29	42	46	33	28	38	29	21	12	32.3	
MONTICELLO	MAX	61	61	67	71	80	71	41	50	55	66	60	63	70	62	44	53	52	42	53	61	65	69	60	59	45	61	60	34	28	40	56.8	
	MIN	51	41	29	54	60	30	27	19	21	25	31	39	51	35	34	43	23	12	19	27	41	28	54	44	32	29	33	26	20	14	33.1	
MOUNT STERLING	MAX	62	58	61	73	78	73	41	48	46	64	58	56	70	63	43	52	51	36	52	58	64	68	60	58	43	67	53	35	30	37	55.3	
	MIN	50	42	28	47	58	28	26	20	28	30	41	35	43	32	28	41	16	10	23	25	29	30	40	41	27	31	33	27	18	16	31.4	
MOUNT VERNON	MAX	60	60	56	70	76	70	40	46	53	64	60	61	70	63	42	53	52	40	51	61	63	67	62	56	40	53	59	34	25	37	54.8	
	MIN	46	31	25	55	58	30	25	18	20	25	46	40	45	32	32	40	15	11	23	28	35	26	51	34	30	29	33	24	18	15	31.3	
MURRAY	MAX	67	65	63	67	79	47	43	54	60	67	60	65	74	65	39	43	40	40	55	58	65	66	68	58	47	59	37	32	36	46	55.5	
	MIN	50	45	39	60	47	28	18	23	25	38	46	40	55	30	28	38	13	8	21	33	33	30	55	39	28	37	23	20	16	19	32.8	
OWENSBORO 2 W	MAX	65	59	54	65	78	61	41	54	57	65	56	52	73	64	42	45	42	37	56	58	66	68	69	60	41	55	40	31	34	44	54.4	
	MIN	46	46	35	54	61	28	27	23	24	37	43	33	50	33	26	40	12	13	22	31	37	31	51	40	31	33	31	21	21	18	33.3	
PADUCAH FAA AIRPORT	MAX	64	61	68	68	74	34	41	52	58	66	58	61	74	36	37	41	25	40	55	57	64	65	66	55	45	52	33	28	35	46	52.0	
	MIN	46	41	41	60	34	24	22	21	24	40	36	33	36	29	28	23	12	14	21	33	38	30	53	35	28	33	20	19	15	20	30.3	
PADUCAH	MAX	70	65	68	70	75	52	44	53	60	67	61	58	75	67	38	42	41	41	57	59	63	68	69	62	44	55	39	31	36	46	55.9	
	MIN	49	43	36	50	52	28	24	23	25	40	44	35	50	30	27	37	11	13	18	31	34	30	46	43	30	36	29	19	18	18	32.3	
PIKEVILLE	MAX	65	62	71	79	80	75	45	52	57	67	61	62	75	61	45	54	55	43	56	64	67	69	53	62	44	48	57	40	30	43	58.1	
	MIN	50	44	29	53	66	38	32	24	25	26	30	44	35	40	39	40	27	17	21	27	37	29	45	44	32	30	40	30	24	18	34.5	
PRINCETON	MAX	68	66	62	68	79	57	46	56	60	66	59	59	73	67	40	44	42	43	61	60	67	65	70	64	44	61	47	33	31	46	56.8	
	MIN	48	40	32	57	57	28	26	20	23	28	43	34	44	31	28	39	12	11	19	28	30	28	40	44	31	40	29	18	15	15	31.3	
RICHMOND	MAX	68	60	55	60	70	77	35	41	47	53	63	59	57	69	60	45	52	26	38	53	62	62	66	57	55	48	56	36	34	26	53.0	
	MIN	50	44	29	35	58	34	27	23	22	24	34	37	37	50	30	35	18	10	13	25	32	34	43	46	31	29	36	27	20	18	31.7	
RUSSELLVILLE	MAX	65	62	60	69	80	63	43	52	57	67	62	65	73	65	45	46	46	40	55	61	64	67	64	61	46	58	38	36	34	44	56.3	
	MIN	53	40	33	52	52	29																										



# EVAPORATION AND WIND

KENTUCKY  
NOVEMBER 1959

Station		Day of month																															Total for month
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOLF CREEK DAM	EVAP WIND	.04 17	.11 37	.12 36	.03 57	.30 110	.04 91	- 79	- 34	- 14	- 13	- 60	- 11	- 24	80	81	- 29	- 52	- 58	- 26	24	15	15	40	40	60	70	76	65	82	21	1427	

See Reference Notes Following Station Index



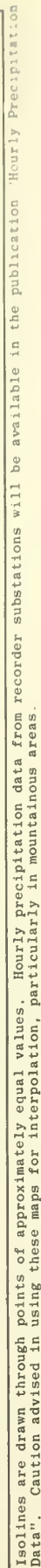
# SNOWFALL AND SNOW ON GROUND

KENTUCKY  
NOVEMBER 1959

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BARDSTOWN S J PREP SCHOOL	SNOWFALL SN ON GND						T																		T	T		T	1.5	.5		
BEAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENHAM	SNOWFALL SN ON GND																								T	1.5	2.5	5.0	1.0			
BEREA COLLEGE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND						T																				T	T	1.0			
CAMPBELLSVILLE	SNOWFALL SN ON GND																												1.0	T	T	
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T	T					T		T									.1	T	T	1.3	.5	.4	T		
CYNTBIANA	SNOWFALL SN ON GND																								T	T		2.0	T	T	T	
DANVILLE	SNOWFALL SN ON GND																												1.2	1		
FARMERS	SNOWFALL SN ON GND																								T	T		3.0	T	T	T	
FORDS FERRY DAM 50	SNOWFALL SN ON GND																												T	.2	T	T
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZARD WATER WORKS	SNOWFALL SN ON GND																												-	1.0	.5	
BEIDELBERG LOCK 14	SNOWFALL SN ON GND																												2.5	.5	T	
HENDERSON 7 SSW	SNOWFALL SN ON GND																										T	.3	T			
HOPKINSVILLE	SNOWFALL SN ON GND							T																					T	T		
IRVINGTON	SNOWFALL SN ON GND																												T	T		
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T								T										T	T	.5	.1	.2	T	T	
LONDON FAA AIRPORT	SNOWFALL SN ON GND															T									T	T		4.2	.3	T	3	1
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T								T										T	T		.3	.3	T	T	
MAMMOTB CAVE PARK	SNOWFALL SN ON GND																									T		1.0	.7	T		
MAYSVILLE DAM 33	SNOWFALL SN ON GND																												-	-	T	
MIDDLESBORO	SNOWFALL SN ON GND																										T		.4	1.0	T	T
MILLERSTOWN	SNOWFALL SN ON GND																									T		T	.8	1	T	
MONTICELLO	SNOWFALL SN ON GND																												.9	.2	1	T
MURRAY	SNOWFALL SN ON GND						T																						.3	T		
OWENSBORO 2 W	SNOWFALL SN ON GND																								T				-	-	T	
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND	-	-	-	-	-	T								T													T	.8	T		
PAINTSVILLE	SNOWFALL SN ON GND																										T		3.0	.3	2	
PIKEVILLE	SNOWFALL SN ON GND																									T		3.0	3.0	1		
RUSSELLVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET 1 N	SNOWFALL SN ON GND						T																						-	2		
SUMMER SHADE	SNOWFALL SN ON GND																												T	T		
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND																									T	T		2.0	1.0	2	1

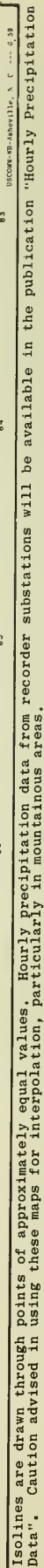
See reference notes following Station Index.



KENTUCKY  
NOVEMBER 1959



KENTUCKY  
NOVEMBER 1959





8 2 1 0 7 1 2 8 9 7  
And the 2nd and 3rd are 1 0 0 0

‡ 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE



# REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisional, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

## OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.







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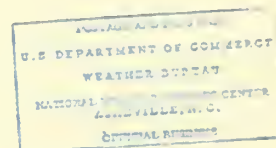


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U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY



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Volume LIV No. 12



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KENTUCKY - DECEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 73° on the 27th at Inez

Lowest Temperature: 10° on the 1st at Hindman Settlement School

Greatest Total Precipitation: 5.91 inches at Dunmor

Least Total Precipitation: 1.79 inches at Grayson 1 SE

Greatest One-Day Precipitation: 1.99 inches on the 19th at Williams-  
burg 2

Greatest Reported Total Snowfall: 8.5 inches at Benham

Greatest Reported Depth of Snow on Ground: 5 inches on the 1st at  
West Liberty



## CLIMATOLOGICAL DATA

KENTUCKY  
DECEMBER 1959

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See Reference Notes Following Station Index



## CLIMATOLOGICAL DATA

KENTUCKY  
DECEMBER 1959

CONTINUED

Station		Temperature													Precipitation												
		Average Maximum	Average minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days						Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max			Min							Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
											50° or Above	32° or Below	32° or Below	0° or Below													
MOUNT VERNON		48.1	31.3	39.7		67	27	18	23	778	0	1	17	0	4.55		.94	11		2	7	8	5	0			
PIKEVILLE		50.8	33.8	42.3		70	27	21	23	698	0	0	16	0	2.42	-.78	.69	18	T	7	7	2	0	0			
SOMERSET 1 N		48.6	31.1	39.9		67	27	19	7	774	0	1	17	0	5.10		1.16	28		10	5	1	1	0			
VANCEBURG DAM 32		47.7	30.9	39.3		70	27	19	22	791	0	2	21	0	2.47	-.65	.82	12	T	7	1	0	0	0			
WEST LIBERTY	AM	47.1	27.2	37.2		70	28	15	10	856	0	2	25	0	2.67		.56	28	2.3	5	1	7	2	0			
WILLIAMSBURG 2	AM	51.3	30.3	40.8	.9	67	28	14	1	742	0	0	20	0	5.68	2.03	1.99	19	.0	0	10	3	1				
DIVISION				39.7	1.0										3.71	.13			1.9								

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SW	15	10.4	28	NNE	18	81	84	70	74	2	12	3	1	1	0	19	-	8.5
LEXINGTON WB AIRPORT	S	16	10.8	-	-	-	85	87	73	82	6	5	5	4	0	0	20	-	8.3
LOUISVILLE WB AIRPORT	SE	11	8.2	31	SE	27	83	85	68	74	8	8	1	3	1	0	21	22	8.2

See Reference Notes Following Station Index



0 9 0 6 7 4 8 0 0 0

1 2 3 4 5 6 7 8 9 0

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# DAILY PRECIPITATION

CONTINUED

KENTUCKY  
DECEMBER 1959

Station	Total	Day of month																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
ONEONTA DAM 35	3.38		.02			.29	.04	T				T	1.23	.38	T			T	.39			T	T					.01	.04	.51	.11	.04	T	.				
OWENSBORO 2 W	3.98					.20	.17					.20	1.02	.20					.54	1.00								.01	.04	.54	.05	.04		.				
OWENSBORO DAM 46	3.89					.12	.23	T				.44	.23	.01				.31	1.09		T							.01	T	.52	.03	.05	.02	.				
PAUCAH FAA AIRPORT	3.98				T						.09	.40	.23	.01				.26	1.11	.31								.01	T	.56	T			.				
PAUCAH	03.89					.03						1.30	.62					T	1.16	1.31								.01	T	.47				.				
PAINTSVILLE	1.94			.40			.35	T					.30	.26					.24															.				
PIKEVILLE	2.42		.13				.64	T				.03	.18	.18				.01	.69	.05	.01	.04				T	.15			.24	.03	.09	.03	.				
PINEVILLE	5.10		.14	.21			.32	.46	.01				.68	.22	T				.15	1.86	.01	.04					.17	.06	T	.01	.20	.04	.06	T	.			
PRINCETON	4.25	T				.05	T				.22	.81	.99				.05	.91	.33											.02	.15	.72		.06	.			
RAVENNA LOCK 12	2.65		.12	.34			.43	.12					.46	.31					.33											.02	.15	.48	.06		.			
RICHMOND	3.49		.15	.31			.42	T					.81	.34	T				.03	.30															.			
ROCHESTER LOCK 3	3.85					.10	.22	T				.26	1.23	.03					.43	.64											.90	T	.04	T	.			
RUSSELLVILLE	4.11		.02			.02	.18					.28	1.50						.26	.10											.08	1.33	.08	.04	.02	.		
RUSSELLVILLE SUBSTA	3.86					.04	.15					.47	1.20						.25	.30												1.35	.05	T	.			
SALVISA LOCK 6	4.68		.11	.12			.38	.02					1.29	.43					.07	1.13										.02		.96	.06	.05	.01	.		
SALYERSVILLE 2 SE	2.15					.28	.24						.38																							.		
SCOTTSVILLE	5.06					.24	.35					.46	1.12						.41	.11		.09									.30	.02	.13		.01	.		
SCOTTSVILLE 2 SW	4.31		.13			.27	T					.19	1.21	.02					.02	.14	.38										.15	.22	.82	.08	.07	.		
SEBREE	5.55					.30						.70	.90						.30	.90	1.40											.85	.20		.			
SHAWNEE STEAM PLANT	3.37					.13	.11				.01	.59	.50	.03	T				.68	.73	T										T	.59		.				
SHELBYVILLE	2.00					.22							.45	.41					.04	.79															.			
SHERBORNESVILLE	5.24		.10			.02	.27	.02				.20	1.45	.41					.16	1.20												.05	.03	.74	.09	.04	T	.
SOMERSET 1 N	5.10		.55	T	.01	.01	.53	.04				.37	.74	.12					.18	.89		.01									.04	.02	1.10	.12	.10	.03	.	
SPRINGFIELD	3.86					.49	T					.10	.66	.43					.17	.68											.24	1.16	.18	.07	T	.		
STEARNS	4.55			.37			.50	.14					.94	.20					.68	1.18												.42	.05		.			
SUMMER SHADE	-		.41			.10						.91	.89	T		.03			.27																	.		
SUMMER SHADE SUBSTA	4.57		.32			.49	T					.10	1.13	.16	.03				.10	.34	.02											T	.57	1.17	.17	.09	.	
TAYLORSVILLE	3.85					.27	T					.08	1.12	.38	T				.12	.89												.04	.03	.78	.08	.06	T	.
TURKEY CREEK SCHOOL	4.39					.15						.03	1.01	1.01	.04				.46	.61	.01										.02	.01	.87	.04	.	.		
TYRONE LOCK 5	4.20		.05	.03			.49	.03				.17	.37						.04	.90													.96	.02	.05	.02	.	
UNIONTOWN DAM 49	3.82					.08	.12					.42	1.00	.09					.49	.95																.		
VALLEY VIEW LOCK 9	5.24		.16	.18			.39	T	T			.14	.25	T					.02	.38																.		
VANBUREN	4.34		.05			.38	.03					.14	.25	T					.02	.38																.		
VANCEBURG DAM 32	2.47		T	.10			.19	.02				.82	.21	.02					.05	.44												.03	.07	.86	.07	.05	.02	.
WARSAW MARKLAND DAM	2.76					.20	T					.02	1.07	.25					.06	.48												.03	.02			.		
WAYNESBURG 7 NE	4.18		.16	.41			.49	T				.15	.23						.05	.30	T															.		
WEST LIBERTY	2.67		.09	.30			.19	.22	.01			.55	.13						.05	.30																.		
WILLIAMSBURG 2	5.68		.13	.31			.45	.70				.76	.27						.39	1.99													.03	.05			.	
WILLIAMSBURG 5 WSW	3.61		.05	.02			.37	T				.14	.45	.40					.10	.49	T												.14	.03			.	
WILLOW LOCK 13	2.96		.10	.26			.37	.15				.54	.23						.01	.40																.		
WOLF CREEK DAM	4.11		.16	.25			.22	.04				.92	.18						.03	.71	.14															.		
WOODBURY LOCK 4	4.64					T	.22	.02				.23	1.61	.07					.35	.73																.		

## REFERENCE NOTES

- Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.
- Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.
- Delayed data and corrections will be carried only in the June and December issues of this bulletin.
- Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.
- Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.
- Omissions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.
- Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.
- Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.
- Long-term means for full-time stations (those shown in the "Snowfall and Snow on Ground" Table are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.
- Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.
- Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.
- Data in the "Daily Precipitation" Table, "Daily Temperature" Table, and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.
- Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.
- In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
  - G "Soil Temperature" Table.
  - H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
  - J "Supplemental Data" Table.
- ## OTHER REFERENCE NOTES
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
  - Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
  - No record in the "Supplemental Data" Table, "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
  - + And also on an earlier date or dates.
  - ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
  - \* Amount included in following measurement, time distribution unknown.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  - / Gage is equipped with a windshield.
  - AR This entry in time of observation column in Station Index means after rain.
  - AM Data based on observational day ending before noon.
  - B Adjusted to a full month.
  - O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
  - M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
  - R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
  - SS This entry in time of observation column in Station Index means observation made near sunset.
  - T Trace, an amount too small to measure.
  - V Includes total for previous month.
  - X Observation time is 1:00 a.m., EST of the following day.
  - VAR This entry in time of observation column in Station Index means variable.
- General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.
- Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.
- Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



## DAILY TEMPERATURES

CENTURY  
DECEMBER 1954

Station	Day Of Month																															Precipitation inches	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ANCHORAGE	MAX MIN	51 24	46 18	47 21	56 26	48 17	39 28	38 23	46 24	51 17	46 10	51 44	53 29	40 21	41 20	55 29	51 32	52 44	50 14	42 24	41 14	8 5	18 27	41 34	48 28	55 48	55 48	62 41	56 37	59 35	71 28	43 28	47.2 51.1
ASHLAND DAM 29	MAX MIN	49 29	41 17	45 14	51 20	58 16	52 13	36 27	46 26	52 24	50 14	54 19	59 46	47 13	47 26	57 31	60 13	54 40	50 31	40 13	18 10	14 25	35 23	45 13	55 11	61 47	55 45	62 49	51 37	48 34	40 28	49.2 51.1	
BARROURVILLE	MAX MIN	52 19	48 18	48 14	57 25	52 13	55 12	34 20	50 14	55 22	54 21	54 32	51 16	52 23	59 30	57 28	58 40	54 47	44 24	45 29	44 20	44 22	44 22	60 13	61 47	69 40	61 50	56 35	60 33	55 28	52.1 50.0		
BARDSTOWN S J PREP SCH	MAX MIN	59 27	50 19	48 22	56 26	53 42	44 20	37 22	52 26	54 19	50 19	52 43	55 38	40 35	44 24	56 32	53 33	53 45	52 37	40 25	43 25	38 25	38 28	46 36	51 36	56 45	69 47	57 37	40 34	38 33	34 28	48.7 51.6	
BAXTER	MAX MIN	40 13	50 14	42 17	48 20	53 29	57 32	35 22	29 15	48 15	53 24	46 25	52 35	47 17	39 26	52 36	57 32	54 40	55 47	44 32	41 24	43 29	43 25	44 23	43 30	41 29	60 35	63 45	64 37	65 33	59 28	48.7 50.7	
BEAVER DAM	MAX MIN	56 27	51 15	49 13	57 20	51 29	40 18	36 20	52 26	53 20	54 13	55 47	41 36	54 27	58 31	55 37	54 47	53 38	47 29	44 25	43 23	48 30	54 37	54 37	57 49	66 53	60 40	40 34	38 33	37 28	47.1 51.4		
BENHAM	MAX MIN	38 12	51 14	43 15	42 16	56 26	57 28	41 20	27 15	47 19	54 20	56 24	57 39	38 24	54 39	58 35	45 30	57 42	52 39	40 29	37 22	37 24	43 25	43 36	48 45	60 47	60 45	53 34	33 27	33 21	28.5 28.5		
BENTON 2	MAX MIN	56 24	54 12	52 20	52 24	51 25	40 20	45			56 55	44 37	45 34	56 32	55 50	55 43	54 39	55 43	44 28	45 31	45 20	45 22	52 30	50 41	52 47	58 36	58 42	47 34	40 30	40 23	50.3 52.5		
BEREA COLLEGE	MAX MIN	50 34	52 15	52 16	51 12	53 24	51 29	50 20	50 25	52 26	51 24	52 44	53 45	56 35	46 22	47 32	55 43	56 38	54 38	49 24	47 28	45 25	48 18	48 26	51 34	55 33	69 38	68 40	49 32	43 26	51.9 51.7		
BLAINE	MAX MIN	52 18	42 16	50 31	57 20	56 28	49 29	35 22	47 20	53 16	51 12	52 31	60 41	43 34	44 22	59 26	54 25	48 40	52 38	36 22	39 16	47 21	47 17	36 16	39 28	58 26	65 34	72 39	56 46	50 34	30 26	49.5 46.9	
BONNIEVILLE	MAX MIN	56 30	51 16	49 22	56 24	48 46	46 39	37 16	54 27	55 19	51 20	53 44	56 43	40 36	48 39	59 36	54 45	55 34	52 24	48 22	42 26	47 29	53 38	56 29	56 50	67 50	59 39	59 37	39 33	37 24	49.8 51.1		
BOWLING GREEN FAA AP	MAX MIN	56 29	44 19	50 22	55 23	45 38	38 16	37 25	53 26	53 22	55 26	56 47	56 39	40 36	51 27	55 34	53 37	53 47	52 32	44 28	47 30	41 27	44 23	48 30	55 32	56 45	64 46	57 36	40 33	38 23	35 23	49.3 51.5	
CAMPBELLSVILLE	MAX MIN	52 29	50 16	44 26	55 28	49 42	44 29	36 21	52 26	53 23	51 28	55 46	39 35	50 26	59 37	54 37	53 38	43 27	42 28	45 26	48 22	48 28	50 35	54 51	60 51	57 38	57 32	39 32	37 24	33 24	49.2 52.8		
CARROLLTON LOCK 1	MAX MIN	51 30	48 30	46 24	54 26	52 41	45 32	38 16	44 27	52 17	49 20	54 42	54 34	44 24	53 37	53 40	52 33	52 44	38 28	40 22	39 31	38 16	38 26	36 26	38 29	55 48	56 51	63 43	41 30	40 32	35 26	47.9 51.5	
CLERMONT 1 SSE	MAX MIN	57 28	55 38	52 21	58 27	54 46	48 31	39 22	53 29	57 19	56 20	55 40	49 37	46 21	58 30	56 45	53 34	42 24	46 25	38 28	45 20	52 28	38 28	45 28	52 34	56 55	70 45	58 45	45 37	33 28	50.4 52.2		
COVINGTON WB AIRPORT	MAX MIN	49 29	45 31	42 22	54 30	45 35	37 27	34 26	42 26	50 22	48 27	51 44	52 38	43 30	53 23	56 33	48 46	48 30	37 25	35 26	32 21	33 15	34 24	49 35	54 48	64 51	55 34	57 32	32 26	33 26	44.7 50.6		
CYNTHIANA 2	MAX MIN	37 23	51 29	47 26	46 24	55 32	49 32	39 24	34 25	45 16	52 17	49 20	58 42	55 39	53 23	54 53	57 31	54 32	52 45	45 29	41 21	42 24	35 16	36 22	36 26	55 48	55 62	68 52	42 32	34 26	47.2 52.6		
DANVILLE	MAX MIN	39 20	53 28	47 27	47 27	55 29	50 31	35 21	44 22	50 25	50 24	53 46	54 24	36 24	53 27	55 46	52 38	52 46	40 28	43 23	35 18	38 26	45 18	51 26	61 30	66 50	50 37	37 32			47.4 50.1		
DEWEY DAM	MAX MIN	39 17	53 23	41 31	48 28	49 28	57 30	35 27	32 27	51 21	56 17	52 19	57 33	60 39	47 29	49 29	60 28	61 29	54 43	52 33	43 20	42 28	31 22	30 22	44 22	45 31	54 36	66 46	72 46	67 38	40 35	49.1 52.1	
DIX DAM	MAX MIN	54 31	53 18	47 28	55 30	56 41	46 30	34 22	48 25	55 24	55 22	50 43	55 42	44 36	44 26	57 36	56 35	53 46	51 38	40 26	41 26	40 32	37 20	42 36	48 34	61 46	67 52	63 43	38 33	33 27	49.0 53.2		
ELIZAREHTOWN	MAX MIN	55 23	50 35	48 23	56 28	50 44	47 22	43 30	53 19	55 20	51 22	54 40	41 33	45 30	57 37	53 27	53 40	53 39	39 29	43 29	38 29	40 30	47 27	53 30	55 40	56 35	67 51	57 38	38 34	35 28	49.0 53.2		
FALMOUTH	MAX MIN	52 22	48 27	46 26	57 23	50 35	45 32	35 26	47 25	53 20	49 18	51 36	55 43	44 34	41 24	58 37	54 40	52 44	52 38	40 28	40 22	37 31	36 17	37 24	49 28	56 28	69 46	61 40	40 35	37 28	47.8 50.6		
FARMERS	MAX MIN	50 21	48 29	43 31	57 21	54 34	48 32	35 24	45 23	52 16	52 15	54 36	55 45	46 37	43 16	57 27	50 27	55 42	43 24	46 19	40 28	36 15	38 22	46 33	54 29	63 41	71 46	62 49	50 35	39 33	45 28	49.2 52.6	
FLEMINGSBURG 2	MAX MIN	48 26	47 35	43 29	53 25	50 38	43 30	32 24	44 24	48 21	50 21	49 42	54 32	42 25	41 30	55 33	52 40	50 33	47 30	49 32	36 21	44 32	45 32	54 34	55 46	68 51	55 44	55 34	37 26	32 26	47.1 51.2		
FOROS FERRY DAM 50	MAX MIN	54 33	50 36	50 25	56 22	53 33	39 27	37 20	49 31	50 24	59 28	56 49	42 38	46 41	57 34	54 49	52 43	41 30	40 32	39 21	45 26	49 32	51 41	54 33	58 46	65 52	59 47	47 37	37 26	49.6 53.7			
FRANKFORT LOCK 4	MAX MIN	40 22	52 29	45 26	49 26	55 34	49 26	38 25	36 20	46 20	55 20	49 21	55 46	38 25	43 26	43 26	56 30	54 32	52 45	49 29	41 24	40 29	39 19	36 18	40 28	49 29	58 32	57 46	68 46	53 35	40 26	47.5 52.4	
GLASGOW WKAY	MAX MIN	51 30	46 36	47 23	58 25	49 42	42 24	37 19	54 27	54 23	57 27	54 46	56 39	39 35	51 28	57 35	54 37	54 48	51 37	42 26	44 26	41 31	43 23	48 30	52 37	56 32	64 51	57 37	60 34	40 21	39.1 52.6		
GOLDEN POND 8 N	MAX MIN	57 28	52 35	51 23	59 26	50 38	40 25	38 25	55 23	55 21	68 17	65 23	55 41	43 36	47 34	59 39	52 38	55 48	53 39	51 26	53 30	48 28	46 29	55 33	54 34	58 46							



Continued

## DAILY TEMPERATURES

KENTUCKY  
DECEMBER 1959

Station	Day Of Month																																Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LEITCHFIELD	MAX	55	43	48	55	48	38	37	52	53	53	52	54	39	44	58	52	53	53	41	44	40	40	46	55	59	55	65	58	43	37	35	48.5
	MIN	29	37	27	31	38	26	18	26	25	31	48	39	35	28	35	39	48	37	27	28	30	23	30	41	33	51	50	36	32	32	25	33.4
LEXINGTON WB AIRPORT	MAX	51	47	44	54	48	36	33	46	50	46	50	53	38	41	55	51	52	50	40	39	34	34	39	47	54	56	65	55	38	34	31	45.5
	MIN	29	34	25	31	35	25	23	26	23	27	44	38	24	22	36	37	47	33	26	26	23	20	26	35	35	50	52	36	33	28	25	31.4
LONDON FAA AIRPORT	MAX	48	43	47	53	53	40	30	46	54	52	51	55	38	48	55	52	54	51	41	42	41	39	45	42	57	64	63	56	36	34	31	47.1
	MIN	21	32	27	24	36	22	18	21	23	23	39	34	30	29	32	31	40	33	28	26	29	22	26	34	32	46	49	36	32	28	25	29.9
LOUISVILLE	MAX	55	49	50	58	50	41	39	49	54	48	54	54	42	45	56	53	54	52	40	43	39	41	44	53	54	58	69	57	40	39	34	48.8
	MIN	30	36	28	30	38	27	21	27	23	26	43	42	35	25	32	39	45	36	28	28	31	23	29	37	32	48	52	35	34	30	28	32.8
LOUISVILLE WB AP	MAX	55	45	50	57	48	39	37	47	53	47	53	54	40	45	55	51	53	50	40	43	37	41	44	51	54	57	69	56	40	36	33	47.7
	MIN	29	34	25	30	37	25	24	27	21	23	45	40	29	26	32	36	45	34	28	29	27	23	29	36	28	48	52	37	35	30	29	32.0
LOVELACEVILLE	MAX	55	50	52	56	51	38	40	55	54	63	60	55	44	45	58	52	55	53	44	43	47	45	50	52	55	57	65	55	41	40	40	50.6
	MIN	28	30	23	28	38	24	15	24	21	34	49	41	37	32	34	38	49	39	27	31	22	24	35	42	29	49	55	35	36	33	17	32.9
MAISONVILLE 1 SE	MAX	57	52	56	57	53	40	38	53	52	60	58	55	42	45	58	54	54	54	41	45	40	44	49	54	54	58	64	60	40	39	38	50.5
	MIN	28	30	22	29	38	27	21	26	20	24	48	40	37	32	32	37	48	38	27	29	23	24	31	39	27	50	55	36	35	32	26	32.6
MAMMOTH CAVE PARK	MAX	55	50	47	57	51	45	37	50	54	54	53	55	40	48	58	54	52	52	42	46	44	42	47	52	56	55	63	57	38	38	34	49.2
	MIN	30	35	24	29	41	28	17	25	23	29	46	38	34	26	36	35	48	37	25	25	28	20	29	38	34	51	51	37	33	32	20	32.4
MANCHESTER 4 SE	MAX	52	45	50	59	56	51	32	50	57	47	52	51	46	50	60	59	55	53	46	44	43	40	50	44	63	70	68	59	52	38	35	50.9
	MIN	19	29	36	26	34	32	22	15	22	20	32	46	37	23	31	29	41	45	33	23	29	20	21	28	32	40	43	49	35	34	28	30.8
MAYFIELD	MAX	55	51	52	56	51	40	38	57	56	65	58	55	45	46	55	51	56	55	43	43	47	45	50	51	52	57	62	57	42	40	40	50.7
	MIN	31	31	25	33	39	24	18	30	26	41	48	42	36	34	36	41	49	36	28	33	24	27	35	41	31	48	55	37	35	34	20	34.5
MAYSVILLE DAM 33	MAX	40	50	47	45	55	52	38	33	45	51	49	54	56	42	42	56	55	53	50	39	40	35	35	35	47	54	56	70	56	39	35	46.9
	MIN	22	30	29	25	26	32	26	23	20	20	20	41	39	26	24	29	32	44	33	19	23	18	17	25	28	30	43	44	36	33	29	28.6
MIDDLEBORO	MAX	52	47	50	59	56	53	33	49	58	55	48	58	48	53	55	55	58	55	51	42	48	45	47	43	64	65	65	62	53	39	36	51.7
	MIN	20	30	37	26	34	32	22	16	21	24	29	47	37	25	32	30	39	50	32	23	30	20	23	35	34	44	43	49	36	35	30	31.8
MONTICELLO	MAX	56	51	43	56	55	45	33	50	55	57	52	55	40	51	59	55	53	55	43	45	44	44	48	48	62	65	65	61	40	36	34	50.2
	MIN	24	37	34	24	37	29	22	23	24	24	42	40	33	27	35	37	44	37	32	27	34	21	26	37	31	53	56	40	34	32	29	33.1
MOUNT STERLING	MAX	58	47	43	52	53	48	40	46	51	48	52	54	44	41	57	53	52	51	40	40	38	35	38	45	52	60	70	63	45	38	35	48.0
	MIN	28	37	28	23	35	31	22	21	24	23	41	42	34	23	32	37	46	36	27	28	24	19	23	32	32	45	47	40	35	31	27	31.4
MOUNT VERNON	MAX	49	46	46	52	52	48	32	46	50	48	54	53	39	46	54	56	54	50	42	42	38	40	47	45	58	64	67	55	48	37	34	48.1
	MIN	25	36	35	24	38	31	20	22	21	20	36	37	32	25	30	36	43	34	28	25	33	28	18	33	31	48	47	41	33	32	28	31.3
MURRAY	MAX	57	49	52	57	47	38	39	58	55	66	57	55	44	49	55	54	56	53	43	42	48	47	52	53	53	57	61	59	42	41	41	51.0
	MIN	31	33	24	31	37	25	18	31	26	41	49	40	36	32	34	42	47	34	28	32	26	26	32	34	31	51	55	37	34	33	20	33.9
OWENSBORO 2 W	MAX	58	50	50	56	48	38	38	52	55	52	52	52	40	50	58	52	53	53	45	43	40	45	46	50	58	57	64	57	38	38	38	49.2
	MIN	31	34	24	34	38	27	19	24	20	29	45	42	36	30	32	37	47	43	28	30	28	25	31	39	32	49	53	34	34	33	24	33.3
PAOUCAH FAA AIRPORT	MAX	54	41	50	55	48	35	38	52	52	62	57	56	43	45	56	51	54	53	42	40	43	45	49	50	54	59	64	48	41	38	37	48.8
	MIN	31	33	26	34	35	21	16	27	20	38	50	39	34	34	35	42	50	32	27	26	23	24	34	38	30	52	48	36	35	25	20	32.7
PAOUCAH	MAX	57	51	53	58	52	45	40	54	54	65	59	57	44	46	59	51	54	54	44	43	46	45	44	45	54	57	65	58	41	41	39	50.8
	MIN	28	33	24	29	42	26	20	23	22	32	50	41	37	35	34	41	49	37	28	33	23	26	37	36	30	49	56	37	36	34	18	33.7
PIKEVILLE	MAX	53	42	44	57	55	48	35	53	57	46	52	61	52	50	57	57	54	53	46	40	42	42	47	42	55	68	70	65	54	40	37	50.8
	MIN	26	30	39	31	34	34	27	22	25	22	34	52	39	30	32	30	44	46	33	26	32	28	21	30	36	43	42	53	39	36	31	33.8
PRINCETON	MAX	59	50	53	58	48	40	40	55	57	63	55	55	42	46	61	52	54	54	46	46	45	45	51	52	53	57	62	60	40	40	41	51.0
	MIN	28	32	22	25	38	27	16	22	20	29	43	41	37	32	32	36	49	39	28	29	22	21	32	40	29	42	52	37	36	34	18	31.9
RICHMOND	MAX	38	50	48	49	54	50	35	32	46	51	49	54	54	37																		



# SNOWFALL AND SNOW ON GROUND

KENTUCKY  
DECEMBER 1959

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND						-	-	-																									
BEAVER DAM	SNOWFALL SN ON GND																																	
BENHAM	SNOWFALL SN ON GND						1.5 1	4.5 1	5 3											1.0 3			F F										1.0 1	
BEREA COLLEGE	SNOWFALL SN ON GND																																	
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND						T T	T T																								T		
CAMPBELLSVILLE	SNOWFALL SN ON GND						1.0 1	T T															F T									T		
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T					1 T	.2 T													1 T	6 T		T T					T	2.1	8 1			
CYNTHIANA	SNOWFALL SN ON GND						T T	T T															T T	T T							T		T T	
DANVILLE	SNOWFALL SN ON GND						1.0 1	1																T						T				
FARMERS	SNOWFALL SN ON GND						.8 1	T T	T T																								1	
FORDS FERRY DAM 50	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAZARD WATER WORKS	SNOWFALL SN ON GND						T T	T T	T T																								T T	
HEIDELBERG LOCK 14	SNOWFALL SN ON GND	1	T				T T	T T																										
HENDERSON 7 SSW	SNOWFALL SN ON GND						T T	T T															T								T			
HOPKINSVILLE	SNOWFALL SN ON GND																																	T
IRVINGTON	SNOWFALL SN ON GND						T																.3											
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						1.3 1	T T	T T														.3 T						T	T	.2	T T		
LONDON FAA AIRPORT	SNOWFALL SN ON GND	1					2.4 1	T 2	1				T T										T						T	T	T	T		
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T T	T T															T T								T	T	.3	
MAMMOTH CAVE PARK	SNOWFALL SN ON GND			T			T T	T T																							T T	T T		
MAYSVILLE DAM 33	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MIDDLESBORO	SNOWFALL SN ON GND						T 1	2.4 1	T T																									T
MILLERSTOWN	SNOWFALL SN ON GND							T T																										
MONTICELLO	SNOWFALL SN ON GND						2.5 2	2																										T
MURRAY	SNOWFALL SN ON GND						T T	T T																										
OWENSBORO 2 W	SNOWFALL SN ON GND						T																				T					T		
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND						T	T																										
PAINTSVILLE	SNOWFALL SN ON GND	1	T	T				T																										T T
PIKEVILLE	SNOWFALL SN ON GND						T T	T T															T											T
SOMERSET 1 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUMMER SHADE	SNOWFALL SN ON GND						T T																											
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	T						T T															T T	T T		T T					T T	T T		T T

MONTH: JUNE 1959

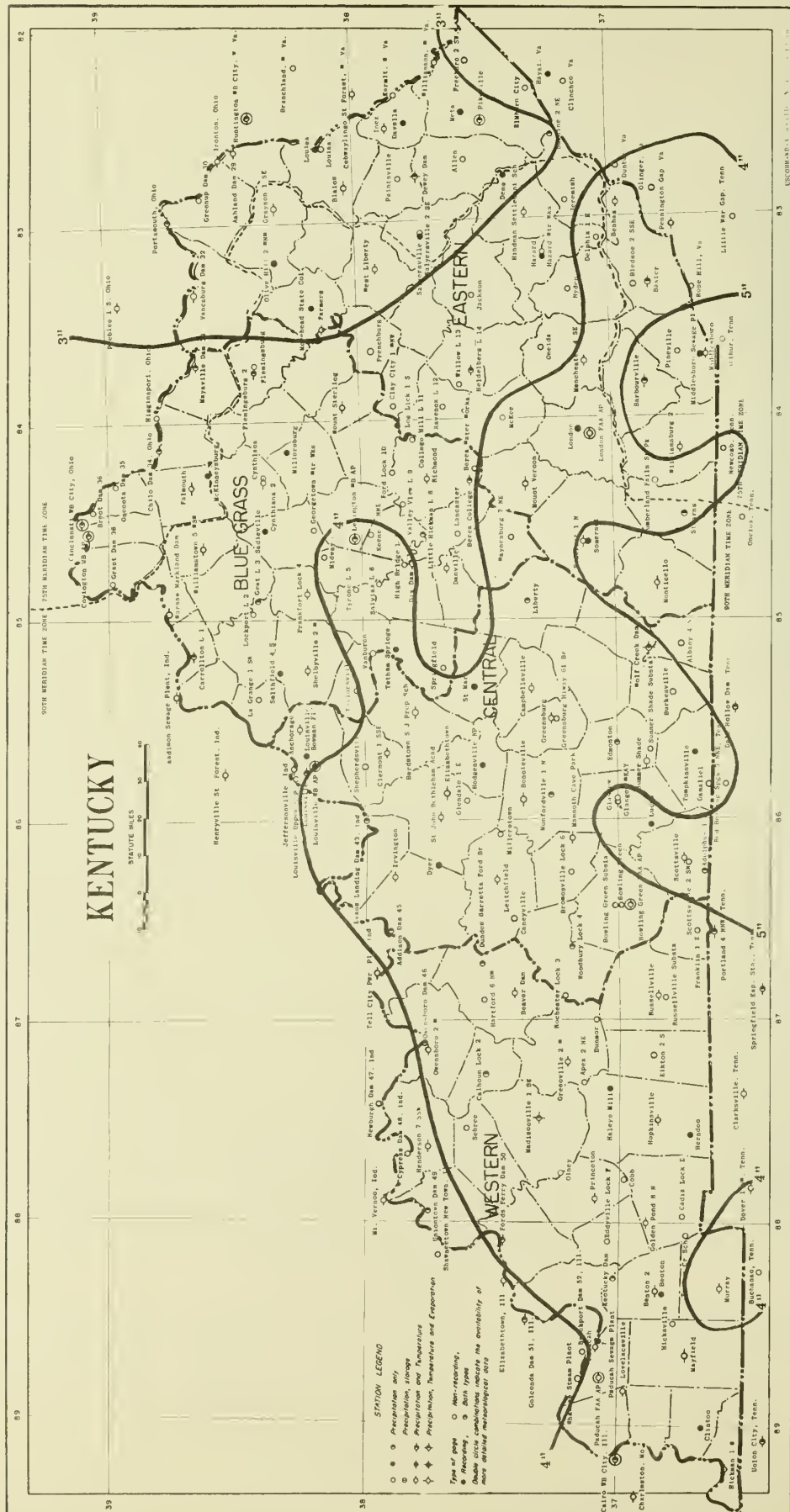
Monthly and Seasonal Heating Degree Days Table:  
Louisville  
Louisville WB AP

Delete long-term means July-June.  
Long-term means July-June should be 4439.

See reference notes following Station Index.



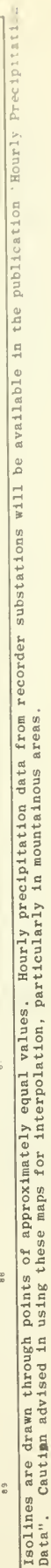
KENTUCKY  
DECEMBER 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.



KENTUCKY  
DECEMBER 1959





# STATION INDEX

KENTUCKY  
DECEMBER 1999

STATION	INDEX NO.	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES	OBSERVER					
						TEMP. PRECIP. EVAP. SPECIAL (SEE NOTE)								TEMP. PRECIP. EVAP. SPECIAL (SEE NOTE)						
ADDISON DAM #1	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	560	7A	C	CORPS OF ENGINEERS	
ALBANY # N	0063	CLINTON	2	36 45	85 08	1000	7A	A	MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 38	485	7A	C	CORPS OF ENGINEERS	
ALLEN	0095	FLOYD	1	37 35	82 43	658	8A	C	NANNIE AURIER	LOG LOCK 1 S	4882	CLARK	4	37 51	84 02	773	7A	C	HUBERT BURGER	
ANCHORAGE	0155	JEFFERSON	7	38 16	85 35	700	7P	A	C. E. BARRET	LONDON	4893	LAUREL	2	37 08	84 04	1195	7A	C	ENDOVILLE FERTILIZER CO	
APR 2 NE	0185	MULLENBERG	7	37 08	87 19	510	7A	A	SEAN PROSE	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	M10	C	FED. AVIATION AGENCY	
ASHLAND DAM 29	0254	ROYD	7	38 27	82 36	551	6P	7A	CORPS OF ENGINEERS	LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A	C	CHARLES F. BRANNAN	
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P	UNION COLLEGE	LOUISVILLE	4946	LAWRENCE	1	38 07	82 36	585	8A	C	HAROLD C. FERGUSON	
BARDSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	6P	6P	ST. JOSEPH PREP. SCHOOL	LOUISVILLE BOWMAN FLD	4947	JEFFERSON	7	38 1A	85 44	462	6P	C	LOUISVILLE G. & E. CO.	
BAXTER	0450	HARLAN	2	36 51	83 20	1144	7A	7A	C. HOMER NOLAN	LOUISVILLE WB AP	4951	JEFFERSON	7	38 13	85 40	554	7A	C	CORPS OF ENGINEERS	
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P	E. G. YOUNG	LOUISVILLE UPPER GAGE	4954	JEFFERSON	7	38 11	85 40	474	M10	C	U.S. WEATHER BUREAU	
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A	C. C. WHITEKERT	LOVELACEVILLE	4955	JEFFERSON	7	38 17	85 48	403	6A	C	COMPS OF ENGINEERS	
BENTON	0611	HARSHALL	9	36 51	88 20	395	5P	5P	HAROLD WALTERS	LOVELACEVILLE	4967	BALLARD	6	36 58	88 58	370	5P	SP	BLAINE MALONE	
BENTON 2	0615	HARSHALL	9	36 51	88 20	395	5P	5P	RADIO STATION WBL	LUCAS	5007	BARREN	3	36 53	86 02	334	7A	C	WILLARD E. FOSTER	
BEEBA WATER WORKS	0619	HADISON	4	37 34	84 18	1070	6P	6P	JAMES A. GROSSMAN	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	7A	C	HOMER WELBORN, JR.
BEEBA WATER WORKS	0624	HADISON	4	37 35	84 15	1010	7A	7A	MRS. LAURA B. GABBARD	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 04	800	5P	7A	C	NATIONAL PARK SERVICE
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P	6P	A. ENOCH WHEELER	MAMMOTH CAVE PARK	5111	CLAY	4	37 06	83 43	850	6P	7A	C	MORA S. WHITE
BONNIEVILLE	0854	HART	3	37 12	85 54	702	6P	6P	HAROLD WALTERS	MAMMOTH CAVE PARK	5230	GRAVES	2	36 37	83 43	1130	5P	7A	C	MRS. LELA M. HERRELL
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A	7A	EDWIN E. JOHNSON	MAMMOTH CAVE PARK	5243	MASON	7	38 08	83 42	515	7A	C	CITY OF MIDDLESBORO	
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A	5A	MARVIN M. LEE	MAMMOTH CAVE PARK	5291	JACKSON	2	37 26	84 00	1000	7A	C	CITY OF MIDWAY	
BOWLING GREEN FFA AP	0907	WARREN	3	36 58	87 58	535	M10	M10	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	5301	PEROLETON	5	38 36	84 16	662	7A	C	DAVID C. BAILEY	
BRENT DAM 36	1070	CAMPBELL	7	39 03	84 25	497	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	5370	PIKE	1	37 34	82 27	730	7A	C	CHARLES MURRAY	
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	85 16	410	7A	7A	ELDRIDGE BRAGGS	MAMMOTH CAVE PARK	5389	BELL	2	36 37	83 43	1130	5P	7A	C	MRS. LELA M. HERRELL
BURPOINE 2 NE	1120	PIKE	1	37 13	82 35	1648	8A	8A	EDWIN E. JOHNSON	MAMMOTH CAVE PARK	5394	BELL	2	36 38	83 42	1130	5P	7A	C	CITY OF MIDWAY
BURPOINE LOCK 1	1137	CUMBERLAND	2	36 47	85 22	600	7A	7A	MARVIN M. LEE	MAMMOTH CAVE PARK	5407	WOODFORD	4	38 09	84 01	789	7A	C	DAVID C. BAILEY	
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	584	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	5430	BOURBON	5	38 18	84 09	789	7A	C	DAVID C. BAILEY	
CALHOUN LOCK 2	1227	M. LEAN	3	37 32	87 14	402	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	5430	GRAYSON	3	37 27	86 03	586	7A	C	OWA M. LAWLER	
CAMPBELLVILLE	1254	TAYLOR	3	37 20	85 21	771	6P	6P	H. ALVA MC KINLEY	MAMMOTH CAVE PARK	5524	WAYNE	2	36 50	84 00	860	6P	7A	C	ALVIN L. BERTRAM
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A	7A	G. V. COX SR.	MAMMOTH CAVE PARK	5555	ROVAN	5	38 11	83 28	770	5P	SP	C	INACTIVE 9/57
CARROLLTON LOCK 1	1345	CARROLL	4	37 47	84 04	611	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	5600	MONTGOMERY	7	37 14	87 47	533	7A	C	FED. AVIATION AGENCY	
CLAY CITY 1 NW	1576	POWELL	4	37 52	83 56	712	7A	7A	JOEL W. MOUNTZ	MAMMOTH CAVE PARK	5640	POWELL	2	37 21	84 20	1137	5P	5P	C	FED. AVIATION AGENCY
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P	BERNWEIN FOUNDATION	MAMMOTH CAVE PARK	5684	HART	3	37 16	85 53	636	7A	C	EDWARD A. DICKINSON	
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A	7A	WOODSON D. FRANKLIN	MAMMOTH CAVE PARK	5694	CALLOWAY	9	36 36	88 20	622	6P	6P	C	MURRAY STATE COLLEGE
COBB	1661	CALDWELL	2	36 59	87 47	490	7A	7A	MRS. BENNIE B. WHITE	MAMMOTH CAVE PARK	6013	CARTER	7	38 19	83 12	695	7A	C	GEORGE E. DUNN	
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 04	611	7A	7A	R. P. CALDWELL	MAMMOTH CAVE PARK	6020	HOPKINS	7	37 14	87 47	533	7A	C	MELVIE PARLEE HELIS	
COVINGTON #8 AIRPORT	1855	BOONE	7	39 04	84 40	869	M10	M10	U.S. WEATHER BUREAU	MAMMOTH CAVE PARK	6028	CLAY	4	37 16	83 39	750	7A	C	MRS. ANNA L. BROWN	
CUMBERLAND FALLS 57 PK	1969	WHITLEY	2	36 50	84 19	1070	5P	5P	E. DEPT. OF CONS.	MAMMOTH CAVE PARK	6033	CAMPBELL	7	38 58	84 18	512	7A	C	CORPS OF ENGINEERS	
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A	7A	M. MARSHALL HILL	MAMMOTH CAVE PARK	6091	DAVIESS	7	37 46	87 09	420	6P	7A	C	VIRGIL D. CLARK
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A	E. V. CARPENTER	MAMMOTH CAVE PARK	6094	DAVIESS	7	37 47	87 07	404	6A	C	CORPS OF ENGINEERS	
DANVILLE	2040	ROYAL	4	37 39	84 46	955	7A	7A	R. P. CALDWELL	MAMMOTH CAVE PARK	6110	MC CRACKEN	7	37 06	88 46	198	M10	C	FED. AVIATION AGENCY	
DAVELLA	2053	MARTIN	1	37 48	82 32	718	7A	7A	MRS. EVA M. DAVIS	MAMMOTH CAVE PARK	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P	C	WESTERN P. LACKY
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A	8A	BALLARD F. WALKER, JR.	MAMMOTH CAVE PARK	6117	MC CRACKEN	7	37 06	88 36	325	7A	C	CITY OF PADUCAH	
DEMA	2139	KNOTT	1	37 25	82 48	850	7A	7A	HATTIE B. BARNEY	MAMMOTH CAVE PARK	6136	JOHNSON	1	37 49	82 48	620	7A	C	JESSE FAIRCHILD	
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	6182	OHIO	3	37 13	86 34	401	7A	C	U.S. WEATHER BUREAU	
DIX DAM	2214	HERCEP	3	37 48	84 43	870	6P	6P	PHILLIP O. THACKER	MAMMOTH CAVE PARK	6184	BELL	2	36 45	82 42	1002	7A	C	FOLEY PARTIN	
DUNDEE BARRETT'S FORD BR	2358	OHIO	3	37 33	86 43	440	7A	7A	JESSE L. HUFF	MAMMOTH CAVE PARK	6575	CALDWELL	2	37 06	87 53	529	5P	5P	C	ALTON M. MARVILL
DUNWOP	2366	MULLENBERG	3	37 05	87 00	592	7A	7A	N. D. GIVENS	MAMMOTH CAVE PARK	6670	ESTILL	4	37 40	83 57	634	7A	C	CORPS OF ENGINEERS	
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A	7A	LENA BLAIR	MAMMOTH CAVE PARK	6805	MADISON	4	37 44	84 18	1122	8A	8A	C	THOMAS C. HERNDON
EDMONTON LOCK F	2445	LYON	2	37 03	88 05	420	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	6882	OHIO	3	37 13	86 34	401	7A	C	U.S. WEATHER BUREAU	
EDMONTON	2467	NETCALFE	3	37 00	85 37	865	7A	7A	JOHN E. MORAN	MAMMOTH CAVE PARK	7049	LOGAN	3	36 51	86 53	590	6P	7A	C	W. B. PORTER
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P	6P	RADIO STATION WEL	MAMMOTH CAVE PARK	7054	LOGAN	3	36 50	86 54	576	7A	C	TVA-683	
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A	7A	EDMOND O. BENNETT	MAMMOTH CAVE PARK	7074	SCOTT	4	38 23	84 33	791	7A	C	LAWRENCE ROGERS	
ELETON 2 S	2540	TODD	2	36 47	87 10	520	7A	7A	S. RICHARD ANDERSON	MAMMOTH CAVE PARK	7091	HARDIN	8	37 42	85 59	777	7A	C	INACTIVE 8/59	
FALMOUTH	2775	PENDELTON	5	38 40	84 20	560	6P	6P	FRANK H. LAWSON	MAMMOTH CAVE PARK	7096	MARION	8	37 55	85 21	743	7A	C	JOHN B. BAUER	
FARMERS	2791	ROVAN	5	38 09	83 33	668	6P	6P	MRS. C. C. STAMPER	MAMMOTH CAVE PARK	7121	WOODFORD	4	37 36	84 49	490	6A	C	CORPS OF ENGINEERS	
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A	7A	MRS. JEAN FLEMING	MAMMOTH CAVE PARK	7128	MAGOFFIN	5	37 45	83 05	959	7A	C	STANLEY GARDNER	
FLEMINGSBURG	2908	FLEMING	5	38 25	83 45	911	6P	M10	WILLIAM M. FISCHER	MAMMOTH CAVE PARK	7134	MAGOFFIN	5	37 44	83 05	920	7A	C	FORREST C. WILLIS	
FLOYD LOCK 10	2953	MADISON	4	37 54	84 18	660	6A	6A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	7215	ALLEN	3	36 45	86 12	770	5P	5P	C	MOILE ALLEN
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P	6A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	7220	ALLEN	3	36 44	86 13	760	7A	C	MRS. IDELL F. DEERING	
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 14	84 52	506	6A	6A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	7234	WEBSTER	7	37 56	87 32	348	6P	C	PAUL D. TOMPKINS	
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A	7A	MRS. KATIE D. NEAL	MAMMOTH CAVE PARK	7311	MC CRACKEN	7	37 09	88 47	345	5A	C	TVA-705	
FREEDMAN 2 SW	3046	PIKE	1	37 33	82 10	730	8A	8A	MRS. ALTA S. GOOLIN	MAMMOTH CAVE PARK	7324	SHELBY	8	38 13	85 16	841	7A	7A	C	VIRGIL D. CROUCH
FREEDMAN 2 SW	3052	MENIFEE	1	37 57	83 39	864	7A	7A	MISS ESTHER WILSON	MAMMOTH CAVE PARK	7334	BULLITT	8	38 00	85 44	446	7A	7A	C	OVIO K. GRADNER
GAMALIE	3112	MONROE	3	36 38	85 48	860	7A	7A	E. GUY DEKARD	MAMMOTH CAVE PARK	7473	SHELBY	8	38 20	85 16	862	7A	7A	C	GEORGE E. SIMPSON
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A	8A	WILLIAM F. BRANBLETT	MAMMOTH CAVE PARK	7508	PULASKI	2	37 06	84 37	1050	6P	6P	C	CORPS OF ENGINEERS
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A	7A	CORPS OF ENGINEERS	MAMMOTH CAVE PARK	7510	PULASKI	2	37 07	84 37	1050	6P	6P	C	RADIO STA. WSC
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A	7A	EMILY N. BEAN	MAMMOTH CAVE PARK	7604	WASHINGTON	8	37 41	85 14	730	7A	7A	C	W. H. GADLEY
GLASGOW WEAY	3246	BARREN	3	37 00	85 55	808	6P	6P	RADIO STATION WKAY	MAMMOTH CAVE PARK	7677	MC CREARY	2	36 43	84 29	1420	7A	7A	C	MRS. GLADYS M. GRIFFITH
GLENDAL 1 E	3257	HARDIN	3	37 36	85 54	71														



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UNKE

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U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

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U. S. DEPARTMENT OF COMMERCE

ANNUAL SUMMARY 1959

Volume LIV      No. 13



ASHEVILLE: 1960



# AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

KENTUCKY  
1959

Table 1

STATION	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ANCHORAGE	31.5	- 3.3	37.6	1.1	42.6	- 1.7	56.1	1.8	67.6	4.0	71.6	- 1.0	76.6	.5	76.8	2.1	70.5	2.1	57.5	- .2	42.2	- 2.2	38.7	3.1	55.8	.5
ASHLAND DAM 29	33.8	- 3.9	40.7	2.1	44.4	- 1.6	56.9	.7	69.5	4.2	72.3	- 1.6	77.1	.0	78.7	2.9	72.1	2.2	59.7	.8	44.4	- 2.2	41.0	2.7	57.6	.6
BARBOURVILLE	36.1		42.4				57.1M		69.5M		72.6M		77.3M		77.1		70.3		60.2M		45.0		41.1M			
BARSTOWN S J PREP SCH	34.2M		39.5		45.5		58.5		70.0		71.9		75.9		77.3		71.9		59.2		44.3		40.2		57.6	
BAXTER	32.2		39.2		41.3		54.0		67.4		70.4		75.5M		76.9		70.2		59.0		43.0		38.7M		55.7	
BEAVER DAM	34.3M		39.7		46.4		58.5M		70.4M		73.2		76.8		78.0		71.4		59.4		45.0		41.1		57.8	
BENHAM	30.9		38.2		40.0		54.1		67.4		68.7		74.2		75.4		69.9M		58.2		43.9		38.8		55.0	
BENTON 2	34.1		39.2		48.1M				70.1		72.5		76.3M		77.5		71.0M		58.1M		43.1		41.4M			
BEPEA COLLEGE	35.0	- 3.2	41.4	2.1	46.4	- .6	58.5	1.7	69.8	4.3	72.5	- 1.4	77.2	.2	78.5	2.7	72.0	2.2	60.5	1.4	47.7	1.3	41.8M	3.2	58.5	1.2
BLAINE	33.5		39.8		42.6		55.2		67.4		69.4		74.8		75.8		68.7		57.3		41.8		38.2		55.4	
BONNIEVILLE	33.9		38.7		43.9		56.8		69.0		71.6		75.9		77.1		71.0		58.6		43.8		40.5		56.7	
BOWLING GREEN FAA AP	33.7	- 5.0	39.2	- 1.3	44.6	- 3.9	56.8	- 1.5	69.7	2.6	73.5	- 2.9	77.3	- 2.1	78.9	.9	72.1	.5	59.2	- 1.0	42.8	- 4.5	40.4	1.2	57.4	
CAMPBELLVILLE	34.7		41.7		45.7		58.0		69.7		73.3		77.6		78.4		72.3		60.5		45.0		41.0		58.1	
CARROLLTON LOCK 1	31.7		39.1		43.4		57.0		69.0		72.7		76.4		77.3		70.9		58.2		43.6		39.7		56.6	
CLERMONT 1 SSE	33.4		39.5		45.3M		57.5M		70.5M		73.6		78.0		79.4		72.9		60.0		45.5		41.3M		58.1	
COVINGTON WR AIRPORT	29.3	- 2.5	35.6	1.7	41.1	- .6	55.6	3.5	67.9	5.4	72.6	.8	76.7	1.6	78.5	5.0	71.0	3.7	56.8	.8	40.6	- 2.8	37.7	4.1	55.3	
CYNTHIANA 2	29.3		34.9		40.4		54.0		67.7		71.2		76.3		77.2		70.8		56.9		41.0		37.9		54.8	
DANVILLE	31.3		36.5		42.3		56.0		68.1		72.1		76.3		77.5		71.7		57.9		43.7		38.8M		55.9	
DEWEY DAM	32.9		37.8		42.4		53.9		67.1		70.3		76.2		77.8		70.4		59.4		43.8		39.1		55.9	
DIK DAM	34.2		40.2		44.6		57.9		69.7M		73.0		77.6		78.4		72.6		60.5		45.5		41.1		58.9	
ELIZABETHTOWN	32.7		38.2		44.8		56.4M		69.5		71.4		75.4		77.7		71.4		59.4		44.2		41.1		56.7	
FALMOUTH	31.6		36.6		42.9		55.6		68.0M		71.7M		76.1		77.4		70.3		58.0		43.4		39.2		56.1	
FARMERS	33.6	- 3.2	40.2	2.3	43.8	- 1.7	56.4	1.2	68.7	4.3	70.7	- 1.9	76.0	.3	76.6	2.5	70.0M	2.0	58.7	1.7	44.2	- .8	39.4	3.1	56.5	.8
FLEMINGSBURG 2	31.2		38.0		42.7		55.7		68.1		71.5		75.5		76.7		70.4		58.4		42.8		39.2		55.8	
FORDS FERRY DAM 50	33.1		39.4		47.9		59.0		70.9		74.9		77.8		79.6		72.5		60.0M		43.7		41.7		58.4	
FRANKFORT LOCK 4	30.7	- 5.9	36.0	- 1.9	40.7	- 4.7	54.1	- .0	67.6	3.1	72.1	- 2.1	76.6	- 1.1	78.0	1.8	70.8	1.0	57.3	- 1.2	41.5	- 4.3	38.5	1.1	55.3	- 1.3
GLASGOW WAY	34.4		40.3		45.3		57.2		69.1		71.6		75.9		77.0		70.6		59.2		44.1		40.9		57.1	
GOLDEN POND 8 N	33.5		39.8		47.6		58.3		69.8		73.0		77.9		78.7		71.0		59.7		43.7		39.8		57.7	
GRAYSON 1 SE													75.6		77.5		69.5		56.7		41.7M		37.8			
GREENSBURG	32.5	- 5.1	37.9	- 1.3	42.7	- 4.1	56.3	- .3	69.0	3.5	71.7	- 2.8	76.6	- 1.0	78.2	2.1	71.6M	1.9	58.9	.8	42.9	- 2.9	39.8	1.6	56.5	- .6
GREENVILLE 2 W	34.6	- 2.9	40.4	.8	46.7	- .8	58.8	1.7	70.1M	4.7	73.3	- 1.3	76.1M	- 1.8	77.7M	1.0	71.2	1.1	59.4M	.3	44.4M	- 2.4	41.6	3.1	57.9	.3
HEIDELBERG LOCK 14	33.6		40.7		43.9		56.0		69.1		71.3		76.2		77.1		70.5		59.3		43.7		39.7		56.7	
HENDERSON 7 SSW	32.8	- 4.7	38.9	.1	47.0	.2	58.8	1.9	70.0	3.9	73.7	- 2.0	76.6	- 2.3	78.0	.7	71.8	.8	58.9	- 1.2	42.3	- 4.3	40.9	3.3	57.4	- .3
HICKMAN 1 E	33.8M		39.2		45.3		57.0		71.2		74.9		77.1		78.9		73.5		60.3		43.4		41.7M		58.0	
HINDMAN SETTLEMENT SCH	30.6		37.5		41.1		54.8		67.0		70.4		74.4		74.2M						41.7M		36.8			
HOPKINSVILLE	33.4	- 4.7	38.5	- 1.7	45.1	- 2.8	57.8	.1	70.3	3.7	73.3	- 2.3	76.7	- 2.1	78.4	.6	72.3	1.1	60.1	.0	42.6	- 4.4	40.9	1.9	57.5	- .8
INEZ	34.0		41.0M		42.2		55.9		66.3		69.5		74.2		75.4		67.2		55.2		40.5		40.4M		55.2	
IRVINGTON	33.1	- 3.6	39.1	.8	44.4	- 1.1	58.0	1.4	69.9M	4.3	73.8	- .7	77.5	- .4	78.9	2.5	72.2	2.1	59.0	- .2	43.5	- 2.6	40.0	2.4	57.6	.4
LEITCHFIELD	34.0	- 3.4	39.8	.6	45.7	- 1.3	58.5	1.7	69.7	3.9	73.0	- 1.6	76.7	- 1.2	78.0	1.4	72.0	1.7	59.9	.4	44.1	- 2.5	41.0	2.7	57.7	.2
LEXINGTON WR AIRPORT	31.1	- 2.8	37.4	1.4	42.4	- 1.9	55.8	1.3	68.5	4.4	72.7	- .3	76.3	.7	78.1	3.1	71.5	2.0	58.6	.7	42.3	- 2.5	38.5	2.6	56.2	.8
LONDON FAA AIRPORT	32.6		38.9		42.3		54.7		67.9		70.9		75.9		77.0		69.9		57.6		41.4		38.5		55.6	
LOUISVILLE	34.3		40.3		46.3		60.3		72.7		77.3		80.5		81.4		74.0		60.2		46.4		40.8		59.3	
LOUISVILLE WR AP	32.5	- 2.4	38.9	1.7	44.7	- .9	58.7	2.7	70.8	5.5	75.9	1.7	79.8	1.9	80.6	4.5	73.7	3.5	59.1	.5	43.3	- 2.4	39.9	3.0	58.2	- 1.7
LOVELACEVILLE	34.3	- 3.8	39.6	- 1.0	48.1	- .6	59.1	.7	70.7	3.8	73.9	- 2.5	76.7	- 2.6	78.4	.0	71.7	.3	60.0	- .8	43.2	- 3.5	41.8	2.7	58.2	- .6
MADISONVILLE 1 SE	33.7		40.0		47.0		59.2		70.1		73.3		76.3		77.7		71.0		59.4		43.5		41.6		57.7	
MAMMOTH CAVE PARK	33.3		39.7		45.1		56.9		68.9		71.0		74.3		74.9		69.0		58.5		44.3		40.8		57.3	
MANCHESTER 4 SE	35.6		42.1		44.0		57.6		69.0		71.8		76.7		77.7		70.9		60.1		44.6		40.9		57.6	
MAYFIELD	34.7		39.9		48.7		59.2		71.1		74.5		77.4		79.0		72.7		59.9		44.8		42.6		56.4	
MAYSVILLE OAM 33	29.7	- 6.0	35.1	- 1.4	39.9	- 4.2	53.9	- .2	66.4	3.0	70.5	- 2.3	74.8	- 1.5	76.2	1.5	68.9	.6	56.7	- .7	41.5	- 3.4	37.8	1.6	54.3	- 1.1
MIDDLEBORO	36.8		42.9		45.7		57.8		68.6		71.1		76.4		77.0		70.3		60.1		45.4		41.8		57.8	
MONTICELLO	36.0		41.5		45.5		56.9		69.0		71.7		76.6		77.4		71.7		60.4		45.0		41.7		57.8	
MOUNT STERLING	33.1		39.6		44.3		57.0		69.3		71.7		76.7		77.2		70.6		58.9		43.4		39.7		56.7	
MOUNT VERNON	33.7		40.0		44.1		56.5		68.4																	



FINLEY  
1939

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
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# TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

TABLE 2 - CONTINUED

KENTUCKY  
1999

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
MCKEE	4.48		3.53		3.20		4.77		3.85		3.50		5.12		4.04		4.49		3.99		3.72		4.36		45.05	
MIDDLESBORO	5.74		3.61		4.35		3.96		6.29		2.00		4.72		1.86		1.77		4.66		5.64		5.75		50.35	
MIDWAY	5.66		2.23		2.49		2.46		4.01		2.91		5.03		2.82		1.24		5.72		5.61		4.08		43.26	
MILLERSTOWN	4.92		2.15		2.95		2.26		6.56		4.33		8.93		3.68		1.64		5.03		3.35		4.79		E49.59	
MONTICELLO	3.50		3.19		3.11		4.73		4.44		2.50		4.05		1.45		1.17		3.67		4.07		5.68		41.56	
MOUNT STERLING	5.65	.81	3.01	-.40	2.55	-2.52	3.30	-.80	2.95	-1.12	3.80	-.69	3.32	-1.81	1.77	-1.96	1.85	-1.12	2.74	.44	3.54	.54	3.56	.02	E38.04	- 8.61
MOUNT VERNON	5.32		2.45		2.46		4.92		3.81		1.87		4.97		4.33		.26		3.24		3.83		4.55		43.12	
MUNFORDVILLE 1 N	5.32		2.45		2.49		2.46		4.01		2.91		5.03		2.82		1.24		5.72		5.61		4.08		46.02	
MURRAY	3.77	-1.50	4.09	.02	1.83	-3.91	2.60	-1.61	4.67	.59	2.68	-.64	4.86	1.22	3.19	-.20	3.12	-.18	5.47	2.60	3.47	-.21	3.39	-.82	E43.09	- 4.64
OLNEY	7.15		2.80		2.74		1.21		3.57		3.58		3.78		7.08		2.06		4.89		2.70		4.51		46.07	
ONEIDA	4.50		3.34		3.83		4.18		5.83		2.92		4.49		4.36		1.98		5.07		4.70		2.48		47.68	
ONEIDA DAM 35	5.16	1.44	2.86	-1.66	2.29	-1.91	2.50	-1.10	3.81	.36	2.85	-1.08	4.58	.90	3.26	.43	.65	-2.20	4.16	2.12	3.45	.69	3.08	.45	E38.65	.26
OWENSBORO 2 W	7.53	2.71	2.15	-1.11	2.33	-2.99	1.39	-2.73	8.23	4.40	2.74	-1.16	7.14	3.79	8.45	5.03	2.04	-1.17	4.06	1.56	1.96	-1.39	3.98	.77	52.00	7.71
OWENSBORO DAM 46	7.36	2.56	2.21	-1.15	2.33	-2.91	1.37	-2.82	8.70	4.94	3.18	-.62	7.48	4.42	7.70	4.21	1.88	-1.26	4.57	2.14	1.67	-1.62	3.89	.75	52.34	8.64
PAUCAM FAA AIRPORT	5.72		3.68		1.84		1.35		4.13		3.12		3.21		3.81		5.24		.39		2.18		3.98		42.65	
PAUCAM	5.42	.42	3.13	-.77	1.09	-4.19	1.40	-2.98	6.49	2.47	2.86	-.84	3.68	.65	4.12	.82	4.61	1.25	4.30	1.55	1.77	-1.95	3.89	.34	E42.76	- 3.23
PAINTSVILLE	3.27		2.57		2.43		4.35		3.72		2.36		3.93		2.63		.97		3.24		3.55		1.94		36.27	
PIKEVILLE	2.94	-.79	1.84	-1.73	2.76	-1.91	4.76	1.39	4.49	.41	3.44	-1.03	4.48	-.41	4.84	.95	1.89	-.96	4.47	2.43	5.26	2.68	2.42	-.78	43.59	.25
PIKEVILLE	5.14		3.01		3.52		4.02		5.97		4.73		2.64		1.75		5.82		6.29		5.10		5.10		50.56	
PRINCETON	5.63	.43	3.85	-.13	1.83	-3.65	1.39	-2.72	2.15	-1.82	1.21	-2.73	4.90	1.59	6.30	2.91	2.66	-.42	2.38	-.34	3.14	-.32	4.25	.43	E39.69	- 6.77
RAVENNA LOCK 12	4.08	-.42	1.85	-1.45	1.68	-3.05	3.20	-.43	3.32	-.24	1.99	-2.09	4.03	-1.06	3.62	-.85	.41	-2.54	2.87	.94	2.87	-.39	2.65	-.31	E32.57	-11.89
RICHMOND	4.13		2.26		2.66		3.21		4.14		2.09		5.06		9.41		.23		3.41		3.26		3.49		43.35	
ROCHESTER LOCK 3	5.48		2.49		2.95		1.72		4.84		2.93		3.68		7.59		2.11		3.78		2.89		3.85		44.31	
RUSSELLVILLE	7.14	1.70	3.49	-.64	2.68	-2.56	3.38	-.59	5.22	1.60	2.12	-1.76	4.11	-.28	4.25	.88	2.72	-.88	3.83	1.63	2.62	-.90	4.11	-.08	E45.67	- 1.88
RUSSELLVILLE SUBSTA	5.51		3.15		2.20		3.18		4.90		1.68		4.10		3.98		2.71		3.34		3.05		3.86		41.66	
ST JOHN BETHLEHEM ACAD	4.13	-1.41	1.81	-1.96	2.09	-3.03	1.81	-2.53	5.33	1.24	2.44	-1.69	4.80	.84	2.02	-2.03	.19	-3.08	4.83	2.59	4.79	1.42	4.68	1.22	40.53	- 6.43
SALVISA LOCK 6	5.51	.05	2.49	-1.27	2.65	-2.68	3.12	-.84	3.20	-.63	1.67	-2.72	5.38	1.54	2.02	-2.03	.19	-3.08	4.83	2.59	4.79	1.42	4.68	1.22	40.53	- 6.43
SALYERSVILLE 2 SE	3.56		2.33		2.46		5.04		6.27		3.34		3.22		3.86		1.17		4.91		3.84		2.15		40.43	
SCOTTSVILLE	5.49		5.16		2.52		2.98		4.21		3.26		3.98		3.86		1.87		4.91		5.29		5.06		48.59	
SCOTTSVILLE 2 SW																			3.96		4.35		4.31			
SEBREE	7.04		2.70		2.16		1.22		7.55		4.65		6.20		9.77		1.98		9.13		2.55		5.55		E60.50	
SHAWNEE STEAM PLANT	5.43		2.72		1.96		1.00		5.44		4.65		6.20		9.77		1.98		9.13		2.55		5.55		E60.50	
SHELBYVILLE	5.33	.26	2.36	-1.16	2.79	-2.80	1.64	-2.69	3.37	-.69	1.47	-3.02	5.08	1.33	4.95	1.28	.77	-2.13	3.83	2.25	4.61	1.10	4.68	-1.63	E39.02	- 7.90
SHEPHERDSVILLE	4.65		2.12		2.25		1.78		4.11		2.04		4.26		3.59		.78		5.86		4.39		5.24		E41.07	
SOMERSET 1 N	3.96		4.37		3.27		3.92		2.96		4.39		4.36		5.54		1.00		4.99		2.70		5.10		46.56	
SPRINGFIELD	5.43		2.09		2.20		2.78		4.68		2.93		6.21		3.30		1.29		5.12		5.11		3.86		E45.00	
STEARNS	3.20		3.46		3.40		5.01		3.73		2.46		3.92		2.96		2.66		5.44		6.72		4.55		47.51	
SUMMER SHADE	4.63		4.81		3.66		3.37		4.40		2.47		2.53		4.09		3.29		3.70		4.35		4.77		46.07	
SUMMER SHADE SUBSTA	4.69		5.24		3.82		3.39		4.14		3.09		2.04		3.49		3.02		3.63		3.89		4.57		45.01	
TAYLORSVILLE	5.51		2.40		2.61		1.89		5.51		1.81		3.67		3.66		1.07		4.93		4.13		3.85		44.04	
TURKEY CREEK SCHOOL	3.79		3.60		2.62		2.07		4.58		3.06		5.71		4.87		4.63		4.77		2.97		4.39		47.06	
TYRONE LOCK 5	5.59	.67	2.67	-.85	2.62	-2.53	2.85	-1.17	3.47	-.15	4.79	.90	5.35	1.33	3.25	-.54	.40	-2.48	6.24	3.96	4.76	1.44	4.20	.63	46.14	1.21
UNIONTOWN DAM 49	6.38	2.02	2.40	-.67	2.58	-2.17	1.23	-2.89	7.90	4.09	2.53	-.74	2.74	-.55	8.83	5.51	3.51	.22	2.96	.34	1.73	-1.45	3.82	.90	46.61	4.61
VALLEY VIEW LOCK 9	3.86	-1.12	2.11	-1.54	2.59	-2.15	2.39	-1.09	3.49	-.22	1.76	-2.48	6.39	1.34	9.26	5.22	.33	-2.72	3.73	1.80	3.43	.14	3.52	.10	43.06	- 2.72
VANBUREN																										
VANCEBURG DAM 32	5.14	.89	3.06	-.15	2.30	-2.44	3.45	-.26	3.00	-1.04	2.83	-1.42	4.73	.55	2.03	-1.83	.71	-1.91	3.88	1.60	4.63	1.63	2.47	-.65	38.23	- 5.03
WARSAW MARKLAND DAM																										
WAYNESBURG 7 NE	4.21		2.80		2.57		3.93		2.88		2.69		5.41		2.59		.13		3.45		3.60		2.76		38.33	
WEST LIBERTY	4.11		2.08		1.93		3.66		3.81		1.75		6.05		4.11		3.33		3.44		3.54		2.67		E40.48	
WILLIAMSBURG 2	4.06	-.64	3.38	-.81	3.53	-1.44	4.65	.98	5.18	1.15	3.02	-.73	4.91	.10	4.10	.30	1.90	-.64	5.30	3.15	6.37	3.15	5.68	2.03	52.08	6.60
WILLIAMSTOWN 5 WSW	5.20	.77	2.82	-.43	2.68	-2.34	1.79	-2.23	4.07	.20	2.47	-1.55	5.44	1.65	3.31	.01	.30	-2.72	4.79	2.49	4.14	1.00	3.61	.60	40.62	- 2.55
WILLOW LOCK 13	3.86	-1.23	2.23	-1.86	1.77	-3.47	3.81	.30	5.44	1.71	1.98	-2.35	3.13	-1.78	4.40	.08	.49	-2.27	3.47	1.40	3.14	-.32	2.96	-.61	36.68	-10.40
WOLF CREEK DAM	4.09		3.36		3.78		4.04		5.19		1.51		3.78													



## TEMPERATURE EXTREMES AND FREEZE DATA

FEBRUARY  
1959

Table 3

Station	Highest Date	Lowest Date	Last spring minimum of					First fall minimum of					Number of days between dates																
			18 or below	19 or below	24 or below	28 or below	32 or below	32 or below	28 or below	24 or below	20 or below	16 or below	15 or below	14 or below	13 or below	12 or below	11 or below	10 or below	9 or below	8 or below	7 or below	6 or below	5 or below	4 or below	3 or below	2 or below	1 or below	0 or below	
			Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date
ANCHORAGE	94	8-30	-6	1-5	1-18 15	1-23 19	1-23 19	4-14 28	4-23 29	10-18 11	10-8 28	11-8 21	11-17 12	244	239	230	197	178											
ASHLAND DAM 29	98	8-14	-2	1-5	1-21 16	1-23 20	1-23 20	4-15 28	4-23 29	10-18 12	11-8 25	11-17 23	11-18 14	270	250	255	202	178											
BARROURVILLE	94	8-24	-4	1-5	1-18 16	1-23 20	1-23 20	4-15 28	4-23 29	10-18 12	11-8 25	11-17 23	11-18 14	270	240	239	214	178											
BARSTOWN 5 J PREP SCH	94	8-24	-4	1-5	1-18 16	1-23 20	1-23 20	4-15 28	4-23 29	10-18 12	11-8 25	11-17 23	11-18 14	270	240	239	214	178											
BAXTER	94	7-2	0	1-5	1-18 16	1-23 20	1-23 20	4-15 28	4-23 29	11-8 32	11-8 32	11-8 32	11-18 15	245	233	229	224	192											
BEAVER DAM	93	8-25	-1	1-5	1-18 16	1-23 20	1-23 20	4-14 28	4-23 29	10-18 32	10-28 28	11-8 27	11-17 12	269	244	230	197	178											
BENHAM	97	8-26	-3	1-5	1-18 16	1-23 19	1-23 19	4-14 28	4-24 28	10-19 31	11-8 26	11-8 17	11-17 12	269	230	230	193	178											
BENTON 2	96	7-30	-2	1-5	1-21 10	1-18 20	1-23 24	3-28 28	3-28 28	10-18 31	11-8 28	11-8 21	11-17 12	269	233	229	203	204											
BEREA COLLEGE	98	8-6	-6	1-5	1-18 11	1-23 20	1-28 23	3-28 23	4-23 32	10-19 32	10-28 25	11-8 17	11-8 17	245	230	225	214	179											
BLAINE	96	8-26	-3	1-18	1-23 11	1-23 13	1-29 22	4-15 27	4-24 29	9-19 31	10-19 25	10-29 24	11-8 20	11-8 15	245	230	214	187	188										
RONNIEVILLE	94	8-25	-5	1-5	1-18 14	1-23 17	1-23 17	4-15 28	4-23 29	10-19 32	11-8 28	11-8 20	11-8 20	244	230	230	205	179											
BOWLING GREEN FAA AP	98	6-10	-2	1-5	1-23 11	1-23 13	1-23 13	3-28 23	4-23 32	10-27 32	10-28 28	11-8 27	11-17 15	267	244	230	219	195											
CAMPBELLVILLE	97	6-10	-2	1-5	1-23 14	1-23 17	1-23 17	3-28 23	4-23 32	10-28 30	11-8 27	11-8 21	11-17 12	270	269	230	224	188											
CARROLLTON LOCK 1	97	6-10	-5	1-5	1-18 15	1-23 17	1-23 17	3-28 25	4-23 32	10-19 32	11-8 28	11-8 21	11-17 12	270	239	230	220	195											
CLERMONT 1 SSE	98	8-26	-7	1-5	1-18 14	1-23 18	1-23 18	3-28 27	4-23 29	10-15 31	10-28 28	11-8 20	11-8 20	244	230	230	214	175											
COVINGTON WB AIRPORT	97	8-25	-6	1-5	1-21 16	1-23 17	1-23 17	3-28 24	3-28 24	10-18 29	11-8 24	11-8 21	11-17 12	269	240	224	224	204											
CYNTHIANA 2	98	7-1	-6	1-18	1-23 16	1-23 16	1-23 16	3-28 24	4-23 32	10-18 31	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
DANVILLE	95	9-30	-3	1-5	1-23 14	1-23 17	1-23 17	3-28 24	3-28 24	10-18 31	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
DEWEY DAM	94	8-24	-1	1-5	1-24 16	1-24 16	1-24 16	3-28 24	3-28 24	10-18 29	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
OIX DAM	96	8-26	-5	1-5	1-18 16	1-23 20	1-23 20	4-15 28	4-24 30	10-28 29	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
ELIZABETHTOWN	96	7-31	-4	1-5	1-18 16	1-23 18	1-23 18	4-15 28	4-23 29	10-28 30	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
FALMOUTH	97	8-25	-5	1-5	1-23 15	1-23 15	1-23 15	3-28 24	4-24 32	10-19 31	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
FARMERS	96	8-25	-4	1-5	1-18 12	1-23 17	1-23 17	3-28 23	4-14 27	10-19 28	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
FLEMINGSBURG 2	95	6-30	-8	1-5	1-18 12	1-23 18	1-28 22	3-28 22	4-23 31	10-18 31	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
FORDS FERRY DAM 50	99	7-9	0	1-5	1-21 16	1-21 16	1-21 16	3-28 28	3-28 31	10-18 27	11-8 27	11-8 21	11-17 12	269	240	225	188	177											
FRANKFORT LOCK 4	94	7-10	-3	1-5	1-19 15	1-24 19	1-24 19	3-29 27	4-24 30	10-28 31	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
GLASGOW WKAY	94	10-4	-4	1-5	1-21 10	1-18 20	1-23 21	4-14 27	4-23 30	10-28 31	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
GOLDEN POND 8 N	96	6-30	-8	1-5	1-21 7	1-23 19	1-23 19	4-14 26	4-23 29	10-19 31	11-8 27	11-8 21	11-17 12	269	240	225	188	177											
GRAYSON 1 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
GREENSBURG	95	8-27	-3	1-5	1-21 10	1-23 20	1-23 20	3-23 20	4-23 30	10-19 32	11-8 28	11-8 21	11-17 12	270	239	230	229	179											
GREENVILLE 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
HEIDELBERG LOCK 14	95	8-25	-4	1-5	1-23 15	1-23 15	1-23 15	4-15 28	4-24 30	10-19 29	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
HENDERSON 7 SSW	94	8-24	-3	1-5	1-20 15	1-21 17	1-22 22	3-28 28	3-28 28	10-28 30	11-8 25	11-8 21	11-17 12	270	269	231	223	214											
HICKMAN 1 E	97	6-30	0	1-5	1-21 15	1-21 15	1-21 15	3-17 22	4-14 32	10-19 32	11-8 20	11-8 20	11-17 12	269	259	235	205	188											
HINDMAN SETTLEMENT SCH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
HOPKINSVILLE	96	8-24	-2	1-5	1-21 13	1-21 13	1-21 13	3-22 24	3-23 26	10-19 32	11-8 29	11-8 21	11-17 12	269	269	231	229	206											
INEZ	98	8-12	-2	1-18	1-23 14	1-23 14	1-23 14	3-31 24	4-24 28	10-19 32	11-8 29	11-8 21	11-17 12	269	269	231	229	206											
IRVINGTON	96	8-25	-5	1-5	1-23 13	1-22 20	1-23 21	3-28 28	4-24 31	10-19 32	11-8 29	11-8 21	11-17 12	269	269	231	229	206											
LEITCHFIELD	94	8-25	-3	1-5	1-21 13	1-21 13	1-21 13	3-28 27	3-28 27	10-19 32	11-8 29	11-8 21	11-17 12	269	269	231	229	206											
LEXINGTON WB AIRPORT	95	8-22	-4	1-5	1-21 12	1-22 19	1-28 24	3-28 24	3-28 24	10-28 32	11-8 28	11-8 21	11-17 12	269	240	225	188	177											
LONDON FAA AIRPORT	94	8-25	-2	1-5	1-21 10	1-18 17	1-23 21	4-14 28	4-24 32	10-19 31	11-8 27	11-8 21	11-17 12	269	244	240	223	214											
LOUISVILLE	99	6-30	-1	1-5	1-20 13	1-21 17	1-22 21	3-28 28	3-28 28	10-28 31	11-8 28	11-8 21	11-17 12	270	269	240	223	214											
LOUISVILLE WB AP	100	8-26	-2	1-5	1-21 16	1-18 19	1-23 24	4-14 28	3-28 28	10-28 31	11-8 24	11-8 21	11-17 12	269	244	240	223	214											
LOVELACEVILLE	96	6-30	-3	1-5	1-21 12	1-21 12	1-23 22	4-14 28	4-23 31	10-19 32	11-8 28	11-8 21	11-17 12	269	244	240	223	214											</



# TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

KENTUCKY  
1959

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEWEY DAM	EVAP	-	-	-	-	B4.98	B5.41	B5.94	B5.42	B4.40	B2.05	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	B1487	897	B 271	61	164	235	-	-	-
DIX DAM	EVAP	-	-	-	B5.14	5.55	6.37	7.42	B6.06	5.97	B3.93	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B2331	1523	1064	1131	644	1108	906	-	-	-
MADISONVILLE 1 SE	EVAP	-	-	-	6.25	6.60	8.17	7.74	B5.93	B5.26	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	2149	1851	1370	1204	1021	1093	-	-	-	-
WOLF CREEK DAM	EVAP	-	-	-	B4.48	B5.66	6.38	B6.57	6.21	5.12	B3.78	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	1151	843	669	712	544	878	909	1427	-	-

## CHANGES IN STATION NAMES

### NEW NAME

ALBANY 4 N  
HENDERSON 7 SSW  
LONDON  
SHELBYVILLE  
WARSAW MARKLAND DAM

### OLD NAME

ALBANY  
HENDERSON 4 SW  
LONDON 3 W  
SHELBYVILLE 2 W  
WARSAW LOCK 39

### DATE

March 1959  
September 1959  
August 1959  
December 1959  
August 1959

## RELOCATION AND CHANGES OF EQUIPMENT

ALBANY 4 N  
BARBOURVILLE  
CADIZ LOCK E  
CLERMONT 1 SSE  
FRENCHBURG

All equipment moved 4.0 miles N  
All equipment moved 100 feet NE  
All equipment moved 15 yards SSE  
All equipment moved 0.2 mile S  
All equipment moved 0.4 mile WSW

November 1, 1958  
July 17, 1959  
December 15, 1959  
June 22, 1959  
July 9, 1959

GREENSBURG HIWAY 61 BR  
LONDON  
LONDON  
RICHMOND  
SEBREE

All equipment moved 100 feet S  
All equipment moved 3.5 miles NE  
All equipment moved 1.0 mile NE  
All equipment moved 0.5 mile SW  
All equipment moved 0.1 mile E

April 1, 1959  
August 26, 1959  
November 5, 1959  
June 19, 1959  
May 1, 1959

SHELBYVILLE  
VANBUREN

All equipment moved 0.2 mile ENE  
All equipment moved 0.5 mile W

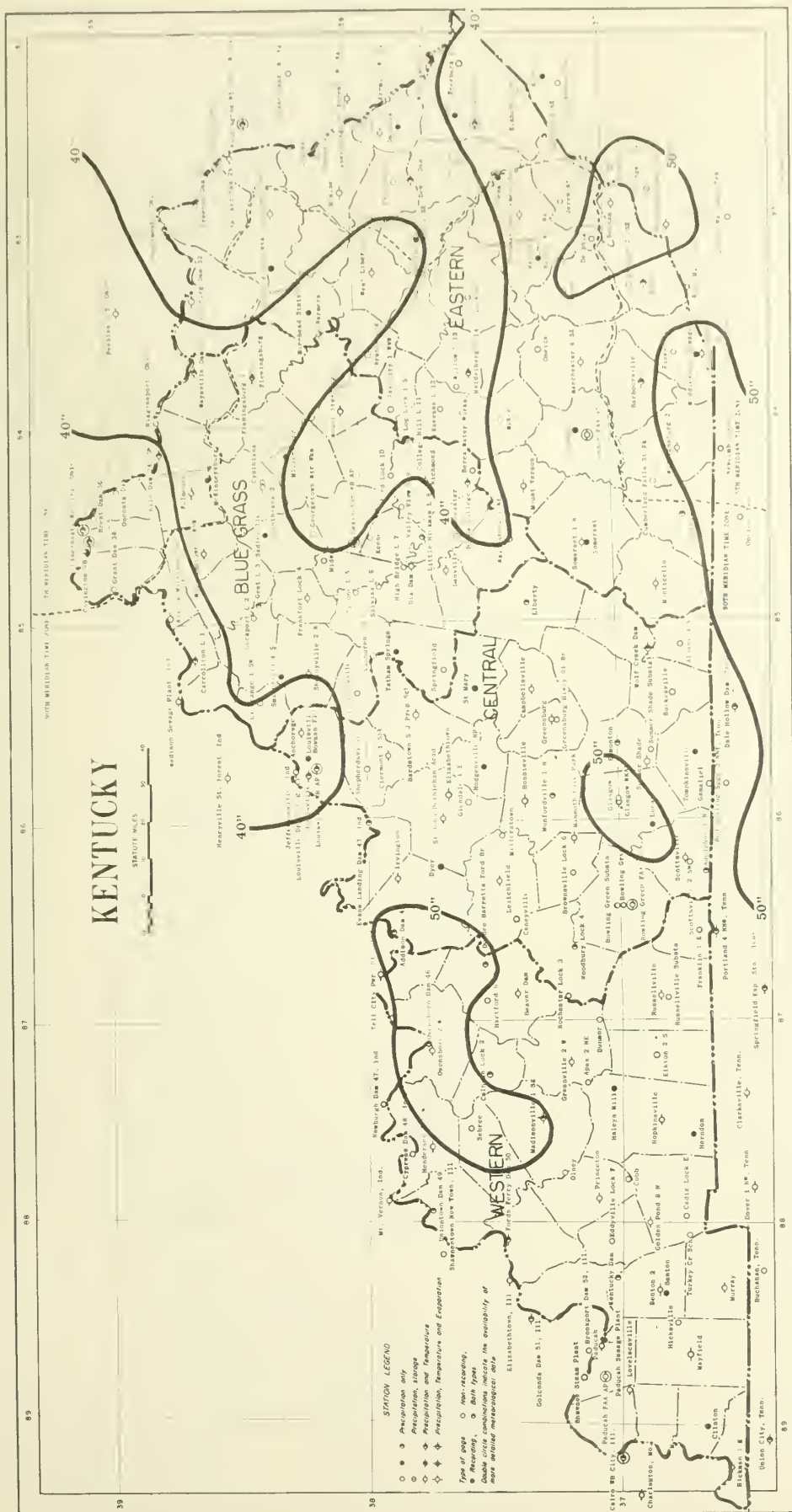
December 14, 1959  
October 26, 1959

See reference notes following Station Index



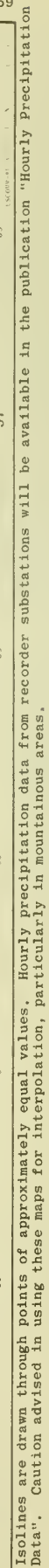
# TOTAL PRECIPITATION

KENTUCKY  
1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.



KENTUCKY  
1959



## STATION INDEX

FPHW 7999

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Year of record	Observed at closed during yr	Refer to station	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Year of record	Observed at closed during yr	Refer to station		
ADDISON DAM 45	0011	BRECKINRIDGE	7 37 55	86 14	180	12					2 C	JEROME	4255	FITCHER	4 31 70	87 58	175	21						2	
ADOLPHUS 7 N	0043	ALLEN	3 16 19	86 16	600	28						KENNE 1 NW	4189	JE 5 AMINE	4 37 57	86 18	941	74						7	
ALBANY 4 N	0083	CLINTON	3 16 45	85 08	7000	4					2	KENTUCKY DAM	4474	LIVINGSTON	3 17 51	86 76	167	22						2	
ALLEN	0091	FLOYD	1 37 15	82 41	658	20					1 2 3	LA GRANGE 1 W	4535	OLIVHAM	7 18 24	85 24	874	4						2	
ANNAHUA	0155	JEFFERSON	7 18 16	85 51	700	61	82					LANCASTER	4620	GARRARD	4 17 17	84 35	7837	3						2	
ARPA 2 NE	0185	MUNIENBERG	3 17 08	87 19	510	2					2	LEI W FELS	4701	GRAYSON	3 17 23	86 18	642	65	45					1 2 3	
ASHLAND DAM 29	0254	BOYO	1 18 27	82 16	551	46	47				1 2 3	LEWISTON WD AIRPORT	4746	FAYETTE	4 18 02	84 16	513	80	81					2	
BANDONVILLE	0187	WVA	2 16 52	81 53	1000	70	14				1 2 3	LIBERTY	4155	CAGEY	3 17 21	84 55	772	19						2	
BANDSTON 5 J PREP SCH	0187	NELSON	8 37 48	85 26	611	10	10				1 2 3	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 55	880	50						2	
BAXTER	0450	HARLAN	2 16 57	85 20	1164	8	19				1 2 3	LOCKPORT LOCK 2	4897	HENRY	4 38 26	84 58	485	50						2	
BEAVER DAM	0480	OWTO	3 17 25	86 52	441	52	52				1 2 3	LOUISIA 1	4882	CLARY	4 37 51	84 02	773							1 2 3	
BENHAM	0595	HARLAN	1 18 58	82 57	7585	74	14				1 2 3	LONDON	4893	LAUREL	2 37 08	84 04	1195	6	6					1 2 3	
BENTON	0611	HARDWALL	3 16 51	88 20	395	4	4				1 2 3	LONDON FAA AP	4898	LAUREL	2 37 05	84 05	1197	6	6					2	
BENTON 2	0615	HARDWALL	3 16 51	88 20	395	4	4				1 2 3	LOUISA	4943	LAUREL	1 18 07	82 37	567	1						2	
BERTIA COLLEGE	0679	HARDWALL	4 17 14	84 18	1070	58	38				1 2 3	LOUISA 2	4946	LAUREL	1 18 07	82 37	567	1						1 2 3	
BERTIA WATER WORKS	0624	HARDWALL	4 17 31	84 18	1010	11	11				1 2 3	LOUISA 3	4949	JEFFERSON	1 18 14	85 46	462	4	4					1 2 3	
BLEASOE 2 SE	0752	LAMAR	1 18 02	82 50	670	4	4				1 2 3	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	1 18 13	85 40	558							1 2 3	
BONNIEVILLE	0770	HARLAN	4 16 54	85 20	1870	4	4				1 2 3	LOUISVILLE UPPER WAGE	4954	JEFFERSON	1 18 11	85 44	474	26	26					1 2 3	
BOWLING GREEN	0834	WARREN	3 17 23	85 14	702	4	4				1 2 3	LOUISVILLE UPPER WAGE	4955	JEFFERSON	1 18 11	85 44	474	26	26					1 2 3	
BOWLING GREEN SUBSTA	0907	WARREN	3 17 01	86 26	476	17	17				1 2 3	LOUISVILLE	4967	GALLARD	6 36 58	88 59	170	32	34						1 2 3
BREIT DAM 36	0978	CAMPBELL	1 39 03	84 25	497	35	35				1 2 3	LUCKAS	5002	BARREN	5 36 13	86 02	738							1 2 3	
BROWNVILLE LOCK 6	1046	EMMONSON	1 37 12	82 35	1643	8	8				2 C	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
BURDINE 2 NE	1120	PIKE	1 37 11	82 35	1643	8	8				2 C	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
BURKESVILLE	1117	CUMBERLAND	2 36 47	85 22	600	9	9				2	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAULKUM LOCK 2	1227	MC LEAN	2 36 47	85 22	600	9	9				2	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25					1 2 3	
CAMPBELLVILLE	1236	TAYLOR	3 17 20	85 21	771	15	2				1 2 3	NADISONVILLE 1 SE	5061	HOPKINS	3 17 11	86 06	800	25	25						



#### REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin became effective with data for June 1956.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.

+ Also earlier date (dates) or months.

\* Amount included in the following measurement.

# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

B Adjusted to full month.

C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".

E Amount is wholly or partially estimated.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

T Trace, an amount too small to measure.

V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

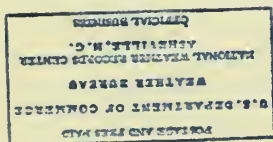
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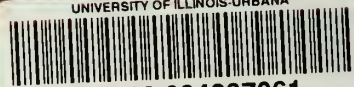








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